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Cluster report
Manufacturing - food, metal, oil, gas & mining

Third Reporting Period – D17b

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Author of this report:	Piotr Michon, Magda Andralojc,(Poznan University of Economics)

1. Introduction

1.1 Introduction of the EurOccupations project

How do occupations compare across countries? How can problems of incomparability of occupations be tackled? To answer these questions, 10 European universities and research institutes have joined their efforts to develop a European occupations database.

The EU funded project 'EurOccupations' aims to build a publicly available occupations database with approximately 1,600 most frequent occupations in 8 large EU member states (United Kingdom, Germany, France, Spain, Poland, Belgium, the Netherlands and Italy). The occupations cover the whole range of industries: varying from care & welfare to technology & manufacturing, from service occupations to agriculture & fishing, etc.

For all 1,600 occupations, the EurOccupations database includes occupational titles, ISCO-codes and educational levels. In addition, the database contains information about distribution of gender, education and age groups in each country for aggregate groups of occupations.

Expert research

For a selection of 150 key occupations[1], the EurOccupations database additionally includes information on skill levels, occupational content, occupational requirements and relevant social stratification measures. The information for these occupational dimensions was gathered through an expert research, in which occupational experts were asked to judge occupations of their expertise on these dimensions by means of an Internet enquiry.

Expert definition:
Experts are expected to have knowledge about occupations or groups of occupations within the countries involved in EurOccupations.
Experts are: representatives of employers' or employees' organisations, professional organisations, interest groups, vocational training bodies or knowledge centres, supervisors, researchers in the field of occupations (either from universities or from statistical offices), informants from a wide variety of branches of industry, vocational advisors, HRD professionals etc.

[1] Information was gathered for 10 additional key occupations as well. However, the EurOccupations team actively recruited experts for 150 'core' key occupations (not for the 10 additional occupations). As a consequence, information about these 10 additional occupations may be lacking.

In addition: occupational workers enquiry

Additionally, occupational workers were also asked to complete an Internet enquiry for these 150 key occupations. This so called 'occupational worker enquiry' included questions that can be answered by practitioners and focused on the actual education levels of occupational workers (and how these relate to occupational requirements).

Clusters of occupations

In order to structure and streamline the development of the EurOccupations database, the occupation database is organised along the lines of eight clusters of occupations. The clusters of occupations are divided as follows:

Table 1 Overview of the division of 8 clusters of occupations

Cluster title
1. Care & welfare
2. Construction & cars
3. Education, research & personnel
4. Information, communication, finance & legal
5. Manufacturing: food, metal, oil, gas & mining
6. Clerks, staff, management & army/police
7. Trade & agriculture
8. Transport, logistics, travel & cleaning/garbage

1.2 Introduction of the cluster 'manufacturing (food, metal, oil, gas & mining)'

Cluster 'manufacturing (food, metal, oil, gas & mining)' cover following areas of work:

1. Food manufacturing
2. Industrial production, manufacture, metal & plastics
3. Oil, gas, mining, utilities

Out of 250 occupations identified in this cluster (extended list of occupations) 21 key occupations were chosen ad described, i.e.:

1. **Aircraft mechanic or service technician -** diagnose, adjust, repair and overhaul aircraft engines and assemblies, such as hydraulic and pneumatic systems.
2. **Assembling helper -** help production workers by performing duties such as supplying or holding materials or tools, and cleaning work area and equipment.
3. **Beverage production process operator -** operate equipment to produce beverage.

4. **Boring machine operator -** operate machinery and equipment at mining and drilling sites, e.g. for construction, exploration, extraction and research.
5. **CNC operator -** operate computer-controlled machines or robots to perform machine functions on metal or plastic workpieces.
6. **Confectionery maker -** produce all kinds of confectionery by mixing sweeteners and other ingredients, shaping, baking and decorating.
7. **First line supervisor assembly line workers -** supervise, coordinate and participate in the activities of assembly line workers.
8. **First line supervisor manufacturing workers -** supervise, coordinate and participate in the activities of manufacturing workers, such as inspectors, precision workers, machine setters and operators, assemblers, fabricators, and plant and system operators.
9. **Lathe or turning machine tool setter-operator -** set up, operate or tend lathes and turning machines to turn, bore, thread, form or face metal materials.
10. **Machine tool operator -** set up, operate and tend various cutting or forming machine tools or robots (e.g. lathes, cutters, shears, borers, millers, grinders, presses, drills, auxiliary machines).
11. **Meat processing machine operator -** perform a wide range of tasks in the process by which animal carcasses are converted into manageable pieces of meat, including slaughtering and processing livestock, operating processing and rendering equipment, despatching products and keeping records.
12. **Metal molder or metal molding machine setter-operator** - mould and cast a range of products by mixing materials, assembling mould parts, filling and stacking moulds, etc.
13. **Metal production process operator -** set up, operate or tend machines to extrude or draw metal materials, e.g. into tubes, rods, hoses, wire, bars or structural shapes.
14. **Pipe fitter** - assemble, install and maintain pipe systems, pipe supports and related hydraulic and pneumatic equipment for steam, hot water, heating, cooling, lubricating, sprinkling, and industrial production and processing systems.
15. **Plant maintenance mechanic -** lubricate machinery, change parts or perform other routine machinery maintenance.
16. **Power production plant operator -** control, operate and maintain machinery to generate electric power.
17. **Quality assurance inspector -** examine manufactured products, primary produce and services to make sure they meet all standards (e.g. presentation, quality)
18. **Sewer, seamstress -** sew, join, reinforce and finish various manufactured items by hand and with sewing machines or equipment.
19. **Sheet-metal worker -** fabricate, assemble, install and repair sheet metal products and equipment.
20. **Welder -** use welding machines (e.g. hand-welding or flame-cutting equipment) to weld or join metal components or to fill holes, indentations, seams of fabricated metal products, etc.

21. **Wood processing plant operator Total -** set up, operate or tend woodworking machines, such as drill presses, lathes, shapers, routers, sanders, planers and wood nailing machines.

2. Data collection

2.1 The EurOccupations data collection

As was mentioned earlier, an expert research was conducted in order to gather the relevant occupational information for our 150 key occupations[2]. In this expert research, experts were asked to judge these key occupations on the relevant dimensions by means of an Internet enquiry.

Expert definition:
Experts are expected to have knowledge about occupations or groups of occupations within the countries involved in EurOccupations.
Experts are: representatives of employers' or employees' organisations, professional organisations, interest groups, vocational training bodies or knowledge centres, supervisors, researchers in the field of occupations (either from universities or from statistical offices), informants from a wide variety of branches of industry, vocational advisors, HRD professionals etc.

Expert Internet enquiry
Experts were asked to complete two types of Internet enquiries:

- **The occupation expert enquiry for 150 key occupations**
  In this enquiry, questions were asked about skill levels, occupational content and relevant social stratification measures. The occupation questionnaire is included in Appendix B.
  For each key occupation, unique task descriptions (10-12 tasks) were included in the questionnaire. These task descriptions have been developed by means of international desk research, following standardised EurOccupations procedures (see procedures expert data collection available on: http://www.euroccupations.org/main/researchlab/deliverablesyr1). Experts were asked to judge these tasks on frequency and importance. We aimed to have at least 2 completed expert questionnaires for each key occupation in each country. For some key occupations, only one or even no expert questionnaires were completed. For these key occupations, information was collected using different sources (see occupational worker enquiry and partner questionnaire, described below).
- **The education expert enquiry for 1,432 occupations[3]**
  In this enquiry, experts were asked to provide the required educational level for a number of occupations in the area(s) of work of their expertise (random selection of occupations from the area of work). The education expert questionnaire is included in Appendix C.

[2] Information was gathered for 10 additional key occupations as well. However, the EurOccupations team actively recruited experts for 150 'core' key occupations (not for the 10 additional occupations). As a consequence, information about these 10 additional occupations may be lacking.
[3] The education expert enquiry was based on the draft version of the extended list of occupations (containing 1,432 occupations). The final extended list of occupations contains 1,600 occupations.

2.1.1 Expert recruitment activities

In each of the countries, EurOccupations partners recruited experts by undertaking various actions (following the EurOccupations procedures for expert recruitment). The main expert recruitment activities included:

- Asking (inter)national **expert organisations** (e.g., employer organisations, knowledge centres, education institutes) to assist in recruiting experts in their networks, e.g. by contacting relevant experts, placing banners on their website, publish articles in their journals (e.g., using the text from the EurOccupations flyer). Additionally, representatives of expert organisations were also asked to complete the web enquiry themselves.
- Asking **individual experts** to join the EurOccupations expert network and complete the questionnaires (in person, by phone, e-mail, mailings, etc.).
- Sending **letters to relevant (expert) organisations** to ask for their cooperation.
- Subscribing experts to the **EurOccupations newsletter.**
- Publishing **articles** in relevant journals (e.g., using the text from the EurOccupations flyer).
- Attending conferences, workshops, seminars etc. to distribute information about EurOccupations (presentations, distributing flyers etc.).
- Publishing **banners** on relevant websites.

The most efficient way to approach experts and expert organisations differs between the participating countries. Therefore, the focus of expert recruitment activities differed between the countries.

<u>Expert recruitment France (Céreq)</u>

Céreq (the French centre on Education, training and employment) is placed under the aegis of both the French ministry of education and the French ministry of employment. This allowed it to organise institutional partnership in order to involve experts:

- In the Ministry of Education, during some sectoral meetings called "Commissions professionnelles consultatives", associating social partners and experts in vocational fields of all economical sectors,
- In the Ministry of Employment, also during some sectoral meetings associating social partners and experts, and when associating the specialists having taken part to the last French dictionary of occupations, called the ROME (Répertoire Opérationnel des emplois et des métiers).

Then, it has associated both representatives from its statistical databases sytem (INSEE, Institut national de la statistique et des études économiques) and from its labor market analysis (DARES, Délégation générale à l'emploi et à la formation professionnelle), in the EurOccupations Steering Committee. Thus, many colleagues have accepted direct or phone interviews (for researchers located all around France) that were later keyboarded or captured in the computer.

Céreq also possesses interesting databases, such as a unique dictionary of industry representatives associated to the French MEDEF (Mouvement des enterprises de France), the biggest

employer organisation. It has used all its details for all economic sectors, from A to Z (aeronautics to civil engineering). They were usually reached first by telephone, then by e-mail, and it was all the more successful because many professional contacts were already well known from Céreq, and they had already heard about the Céreq role in France.

Céreq has also organised direct communication during some meetings (at the Ministry of Education and during internal meetings of its own experts), as well as two institutional communication through its publications such as the monthly "Céreq Bref", issued in 6.000 copies, and then published online[4]. It has also associated all its sectoral experts employed as "Chargés d'études" (researchers), coming from sociological or economical backgrounds but specialised in the various economical sectors and French occupations. Then, some more experts could be found during the EurOccupations international meeting organised in Marseilles, at Céreq's city location, that represented a great opportunity and was very well organised by the Dutch coordinator (especially the Erasmus University of Rotterdam and AO Consult).

The answering rate of experts is a witness of the success of the operation: 345, properly balanced between the 164 benchmarked occupations.

Expert recruitment United Kingdom (IER, University of Warwick)

Intensive efforts in the early stage of recruitment to attract experts in relevant organisations directly by email (sent from Professor Peter Elias' email address) proved largely ineffective, probably because of the high volume of email traffic that such recipients receive and the tendency of busy individuals to delete without reading any emails from individuals that they do not recognise. The decision was therefore made to adopt a more personal approach:

- in line with previous practice, relevant websites were explored in order to identify, where possible, appropriate individuals to contact;
- a telephone call to the identified experts was then made to seek their cooperation;
- a follow-up email was sent giving standard information, appropriately amended for individual circumstances and containing direct links to the online questionnaire for specific occupations.

This strategy was more effective, although response rates remained variable.

Organisations targeted

- A key focus for recruitment was the Sector Skills Council (SSC) relevant to each of the occupations. In some cases IER colleagues were able to recommend individuals in those Councils. Some SSCs responded directly, or recommended other useful contacts able to respond for a particular occupation in the sector.

[4] - Translation of the EurOccupations flyer and dissemination with the project coasters.
- 2 Céreq Bref articles (mentioned in the previous dissemination reports);
- 1 Céreq electronic letter, September 2009: some issues about the EurOccupations meeting that hold in Marseilles in April 2009.

- For health-related occupations approaches were made to relevant sections within the UK National Health Service.
- Where appropriate, contact was with professional or trade associations.
- Professional contacts of the staff of the Institute for Employment Research were exploited, along with partner organisations in other projects conducted by the IER.
- The University of Warwick proved a useful source of experts across a range of the benchmarked occupations. Departments approached included: the Finance Office, Personnel Office and other central administrative functions; Sports Centre; Department of Psychology; Warwick Conferences; Estates Office.
- Contact was made with some lecturing staff in Colleges of Further Education involved in sectoral training programmes.

Other recruitment measures

- Dissemination of information about the project, via distribution of flyers, the EurOccupations banner and some text on the IER website, and a workshop organised in IER, were all aimed at promoting participation in the expert enquiry.
- Where continued difficulty was encountered in achieving expert recruitment via organisations as described in the previous sections, personal contacts with individuals working in an occupation were used in a few instances.
- For around 15 occupations where potential respondents were unable or reluctant to complete the questionnaire online, pre-completed questionnaires were sent to them for comment and amendment, and were then submitted from IER.
- Paper copies of the questionnaire were offered in one or two cases, but this approach did not work.
- Finally, the IER EurOccupations team completed partner questionnaires based on desk research and validated, where possible, by occupational experts.

Expert recruitment Germany (AWWW GmbH)

The main expert recruitment activities in Germany included:

- Setting up particular EurOccuaptions **web-sites** both in German and in English on the two main web-sites of the AWWW GmbH (awww.de / awww.eu).
- Placing information on EurOccupations and links to the online questionnaire on six thematic web-sites maintained by the AWWW GmbH.
- Asking **German expert organisations** (e.g., trade unions, employer organisations, chambers of commerce, ministries, research institutes, knowledge centres, education institutes) to assist in recruiting experts in their networks, e.g. by contacting relevant experts, placing banners on their website. Additionally, representatives of expert organisations were also asked to complete the web enquiry themselves.
- Asking **individual experts** to join the EurOccupations expert network and complete the questionnaires (in person, by phone, e-mail, mailings, etc.).

- Sending **letters to relevant (expert) organisations** to ask for their cooperation.
- Sending **e-mails to relevant (expert) organisations** to ask for their cooperation. The e-mails included the relevant direct links to the according occupations covered by the organisation, links to the AWWW GmbH web-sites, and the EurOccupations flyer as PDF attachment.
- Attending conferences, workshops, seminars etc. to distribute information about EurOccupations (presentations, distributing flyers etc.).

Expert recruitment The Netherlands (AO Consult)

In order to recruit sufficient experts to complete our expert web survey, we undertook different types of actions:

- We approached expert organisations (e.g., knowledge centres, branch organisations, large companies, vocational advise agencies). We found these organisations within our network of organisations or through the Internet. We contacted these organisations by telephone and organised a personal meeting with a representative to discuss how they could assist us in recruiting experts in their networks. Usually, these organisations asked employees, members or external contacts to complete EurOccupations questionnaires (occupation questionnaire and education questionnaire). In addition, some organisations placed a banner on their website including a link to our questionnaire (depending on the type of website visitors) and/or published articles in their newsletter or journal. In some cases, organisations also placed banners on their website linking to the occupational worker survey. If the response stayed behind, we contacted organisations again to ask whether they could undertake additional action in order to obtain a sufficient number of completed questionnaires. In total, we organised personal meetings with 47 representatives of expert organisations and additionally had telephone contact with 66 representatives.
- We asked individual experts to complete the questionnaires by telephone, e-mail or in person. For instance, we asked network contacts, colleagues, acquaintances, friends or family who are experts on specific occupations to complete questionnaires. All employees of Arbeid Opleidingen Consult mobilised their network in order to recruit as many experts as possible.
- We sent a large mailing to 430 expert organisations in November 2007, including a letter asking them to participate in our data collection and a number of flyers and business cards.
- We sent a large mailing to 68 occupation advisors in February 2008, including a letter asking them to participate in our data collection and a number of flyers and business cards.
- We presented the EurOccupations project at 9 conferences and (expert) meetings, asking participants to complete questionnaires about the occupations of their expertise.
- We sent a press release to 71 specialist journals.
- We placed EurOccupations-banners on our website (www.aoconsult.nl).
- Paper copies of the questionnaire were offered to experts upon request.
- Finally, partner questionnaires were completed based on desk research and validated, where possible, by occupational experts.

Expert recruitment Spain (CIREM)

- Introduction of information and invitation to participate (with a banner in order to facilitate it) in the web of CIREM Foundation. And also in the review "Herramientas", of the Foundation.
- Two great mailings (of about 500 e-mails in April and 200 in October 2008, and others little).
- Relations with the National Institute of Qualifications, in order to invite its expert teams to participate. The contacts included several meetings and the delivery of reports and flyers.
- Contacts and invitations with occasion of a National Conference on the occupations of the cluster on Education (in Madrid, April 2008), and the Marseille Conference (May 2008).
- Information and invitation to about 120 experts: directly, by telephone and by e-mail. Since November 2008 we have even helped about 15 experts in wide occupations fields to record the answers.

Expert recruitment Belgium (HIVA, Katholieke Universiteit Leuven)

For Belgium, complementary to the general recruitment strategy, following recruitment actions were taken.

- Professional organizations were contacted, and asked if they had some sort of communication to their members. Were they had one, we tried to have information on Euroccupations included. E.g.: the Association of engineers publish a magazine, and included a small article and a call for experts. The meteorologists put information and a call for experts on their website.
- Intermediate organizations on the labor market were contacted, mainly employment agencies. For example, the Flemish government employment agency (VDAB) have a special research cell on occupational and competency profiles (VDAB – COBRA). This team agreed to input their knowledge in our project, and also helped us finding other people at VDAB with a broad knowledge on certain occupations.
- As a part of the Flemish social and economic council (SERV), the Flanders Technology Foundation (STV) has a team of people working around occupational and competency profiles. SERV agreed to input their knowledge into our project as well, by filling out questionnaires on over 40 occupations.
- Contact was established with the Nationals Statistics office, who were in a review phase of the NOC. A mutual trade of knowledge and ideas has been established since then.
- We presented the project to the point of support concerning Work and Social economy, who supply end-users with information on labor market topics (in a broad sense) and have done important work on the harmonization of socio-economic administrative data, including occupation.
- Trade union involvement came about through the reactions of numerous trade unionists who reacted to the first calls for experts in the project, and direct contact with the information departments of the major trade unions.

- We attended to job-information fares on a regular basis, to get in contact with people promoting or informing about certain occupations.
- We screened which international professional organizations were based in Brussels, and visited some of them who reacted to our mails on the project. This resulted, a.o. in the cooperation of the European Accountants Federation.
- We had topics on occupational harmonization put on the topic list for the master dissertations at the University[5].

Expert recruitment Poland (Poznan University of Economics)

The main expert recruitment activities in Poland included:

- preparing the contact list included 717 organisations,
- sending e-mails to the expert organisations from the mailing list (January 2008), asking them to participate in data collection,
- phones and e-mails to the employees of Labour Ministry and National Statistic Office, who were involved in preparation of actual Polish occupational classification,
- phones, e-mails and meetings with members of Polish Human Resources Association (PSZK) to promote the idea of EurOccupation project among employees of HR departments and consulting company owners,
- contacts with employeer organisations (Business Centre Club – BCC) and trade unions representatives (NSZZ Solidarnosc), asking them to participate in the project,
- inviting University employees, through the mailing list, to get interested in the proect,
- asking individual experts (using network of personal contacts) to complete the questionnaires(by telephone, in person or e-mailing them direct link to specific expert questionnaire),
- EurOccupation presentations during Polish Human Resources Association (PSZK) meetings and seminars at the Poznan University of Economics,
- flyers dissemination at the trade union meetings and at the different conferences,
- banners and links at the web pages of expert organisations and at the professional portals,
- interview in regional Poznan TV,
- cooperation with HR Students Association at the Poznan University of Economics,
- looking for the additional funds to support the EurOccupation project, that enable to hire the pollsters - after the bureaucratic procedure we got the money from Polish government. In November 2008 we hired the pollsters to gather the expert questionnaires (paper version). Pollsters hired in Poznan, contacted individual experts and organizations in Poland, conducted the interviews (during the interview questionnaires were completed) and transferred the answers to the questionnaires at the web. This method enabled us to gather more than 300 questionnaires.

[5] However, no student picked up the topic (so far).

We found that the most successful method of expert recruiting were: contacts with individual experts by sending them links to the selected questionnaires and cooperation with pollsters, who reached the experts asking them to fill in the paper questionnaires.

2.1.2 Additional data collection

Occupational worker enquiry

Additionally, occupational workers were also consulted in order to gather additional occupation information and to obtain insight in differences between actual and required educational levels. The occupational worker questionnaire is included in Appendix D. The occupational workers were recruited by means of weblinks on the WageIndicator websites (see www.WageIndicator.org) and additional recruitment activities by the EurOccupations partners.

Partner questionnaire

For occupations for which it was extremely difficult to recruit experts to complete occupation questionnaires, our national EurOccupations partners completed a partner questionnaire (see Appendix E). They completed this questionnaire based on desk research. If possible, experts were asked to validate the answers.

2.2 Expert response numbers for the cluster 'manufacturing (food, metal, oil, gas & mining)'

The response numbers are reported on the level of occupations for each country (for the expert Internet enquiry and the partner questionnaire) and at the level of cluster for the occupational worker enquiry. In general, for most occupations at least 1 or 2 completed questionnaires are available for the different countries (except Italy) from the different questionnaires. Further analysis include data from expert and partner questionnaires.

Table 2. Distribution of responses by country and occupations for the EurOccupations expert Internet enquiry

OCCUPATION	COUNTRY								TOTAL (occupation)
	BE	ES	FR	DE	IT	NL	PL	UK	
Aircraft mechanic or service technician	0	2	1	3	0	3	3	1	13
Assembling helper	1	2	1	0	0	3	3	0	10
Beverage production process operator	1	3	2	3	0	1	1	5	16
Boring machine operator	1	2	1	2	0	0	4	0	10

CNC operator	2	2	2	2	0	4	3	0	15
Confectionery maker	1	3	1	3	0	1	3	1	13
First line supervisor assembly line workers	0	1	0	0	0	0	3	0	4
First line supervisor manufacturing workers	0	3	2	0	0	1	3	2	11
Lathe or turning machine tool setter-operator	0	3	1	2	0	0	3	0	9
Machine tool operator	1	2	1	2		1	3		10
Meat processing machine operator	1	3	1	2	0	0	1	1	9
Metal molder or metal molding machine setter-operator	0	3	1	2	0	0	3	0	9
Metal production process operator	1	3	1	2	0	2	3	0	12
Pipe fitter	2	2	1	3	0		3	1	12
Plant maintenance mechanic	0	1	0	1	0	2	1	0	5
Power production plant operator	0	2	1	2	0	2	3	1	11
Quality assurance inspector	0	2	2	2	0	2	2	1	11
Sewer, seamstress	6	6	3	4	0	4	9	4	36
Sheet-metal worker		2	2	2	0		5	0	11
Welder	3	2	3	2	0	4	4	0	18
Wood processing plant operator	2	2	2	2	0	1	1	2	12
TOTAL (country)	22	51	29	41	0	31	64	19	257

Table 3. Distribution of responses by occupations for the EurOccupations partner questionnaire in the participating countries for which data are available

KEY OCCUPATION	COUNTRY		TOTAL (occupation)
	UK	NL	
Aircraft mechanic or service technician	1	0	1
Assembling helper	1	0	1
Beverage production process operator	1	0	1
Boring machine operator	1		1
CNC operator	1	2	3

Confectionery maker	1	1	2
First line supervisor manufacturing workers	1	0	1
Lathe or turning machine tool setter-operator	1	1	2
Machine tool operator	1		1
Meat processing machine operator	1	1	2
Metal molder or metal molding machine setter-operator	1	1	2
Metal production process operator	1		1
Pipe fitter	1	2	3
Plant maintenance mechanic	1	1	2
Power production plant operator	1	0	1
Quality assurance inspector	1	0	1
Sewer, seamstress	1	1	2
Sheet-metal worker	1	2	3
Welder	1	1	2
Wood processing plant operator	1	1	2
TOTAL	20	14	34

Table 3. Distribution of responses by country for the EurOccupations occupational worker enquiry

cluster	BE	SP	FR	GE	IT	NL	PO	UK	Total
Manufacturing: food, metal, oil, gas & mining (21 key occupations)	10	12	5	6	1	19	6	2	61

EurOccupations.org

3. Analyses EurOccupations data 'manufacturing (food, metal, oil, gas & mining)'

3.1 Occupation 'Aircraft mechanic or service technician'

The task list:

1. Determine the feasibility and method of repairing or replacing faulty or damaged components, e.g. by interpreting maintenance manuals or other specifications.
2. Conduct routine and special inspections.
3. Examine aircraft components to detect faults, defects or potential problems.
4. Test aircraft communication equipment, instruments and electronic systems.
5. Measure parts for wear using precision instruments.
6. Remove and reassemble large parts of planes (e.g. engines) using hoists or lifts.
7. Replace or repair worn, defective or damaged components using hand tools, gauges and testing equipment.
8. Inspect and test completed work to certify that maintenance meets standards and that aircraft is ready for operation.
9. Document all aircraft maintenance

How frequently the task is performed (never or on a daily, weekly, monthly or yearly basis)?

Frequency Percent Col Pct		1. Determine the feasibility and method of repairing or replacing faulty or damaged components, e.g. by interpreting maintenance manuals or other specifications.						
	Task 1	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Daily	2 16.67 100.00	2 16.67 100.00	1 8.33 100.00	2 16.67 100.00	0 0.00 0.00	0 0.00 0.00	7 58.33
	Monthly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33 50.00	1 8.33
	Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33 33.33	1 8.33 50.00	2 16.67
	Weekly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 16.67 66.67	0 0.00 0.00	2 16.67
	Total	2 16.67	2 16.67	1 8.33	2 16.67	3 25.00	2 16.67	12 100.00

Frequency		2. Conduct routine and special inspections.

Percent Col Pct	Task 2	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Daily	2 16.67 100.00	2 16.67 100.00	1 8.33 100.00	2 16.67 100.00	1 8.33 33.33	0 0.00 0.00	8 66.67
	Monthly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33 33.33	1 8.33 50.00	2 16.67
	Weekly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33 33.33	1 8.33 50.00	2 16.67
	Total	2 16.67	2 16.67	1 8.33	2 16.67	3 25.00	2 16.67	12 100.00

Frequency Percent Col Pct	3. Examine aircraft components to detect faults, defects or potential problems							
	Task 3	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Daily	1 8.33 50.00	2 16.67 100.00	1 8.33 100.00	2 16.67 100.00	1 8.33 33.33	1 8.33 50.00	8 66.67
	Monthly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33 33.33	0 0.00 0.00	1 8.33
	Weekly	1 8.33 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33 33.33	1 8.33 50.00	3 25.00
	Total	2 16.67	2 16.67	1 8.33	2 16.67	3 25.00	2 16.67	12 100.00

Frequency Percent Col Pct	4.Test aircraft communication equipment, instruments and electronic systems.							
	L30	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Daily	0 0.00 0.00	2 20.00 100.00	1 10.00 100.00	2 20.00 100.00	0 0.00 0.00	0 0.00 0.00	5 50.00
	Never	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	2 20.00
	Weekly	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	2 20.00
	Yearly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	1 10.00
	Total	2 20.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency Percent	5. Measure parts for wear using precision instruments.		
	L31	COUNTRY	Total

Col Pct		UK	espagna	france	germany	netherl	poland	
	Daily	1 8.33 50.00	2 16.67 100.00	1 8.33 100.00	2 16.67 100.00	1 8.33 33.33	0 0.00 0.00	7 58.33
	Monthly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 16.67 66.67	0 0.00 0.00	2 16.67
	Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33 50.00	1 8.33
	Weekly	1 8.33 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33
	Yearly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33 50.00	1 8.33
	Total	2 16.67	2 16.67	1 8.33	2 16.67	3 25.00	2 16.67	12 100.00

Frequency
Percent
Col Pct

6. Remove and reassemble large parts of planes (e.g. engines) using hoists or lifts.

L32	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Daily	1 9.09 50.00	2 18.18 100.00	0 0.00 .	2 18.18 100.00	1 9.09 33.33	1 9.09 50.00	7 63.64
Monthly	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	1 9.09 33.33	0 0.00 0.00	1 9.09
Weekly	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	1 9.09 33.33	0 0.00 0.00	1 9.09
Yearly	1 9.09 50.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	2 18.18
Total	2 18.18	2 18.18	0 0.00	2 18.18	3 27.27	2 18.18	11 100.00

Frequency
Percent
Col Pct

7. Replace or repair worn, defective or damaged components using hand tools, gauges and testing equipment.

L33	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Daily	1 9.09 50.00	2 18.18 100.00	0 0.00 .	2 18.18 100.00	2 18.18 66.67	1 9.09 50.00	8 72.73
Monthly	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	1 9.09
Weekly	1	0	0	0	1	0	2

	9.09 50.00	0.00 0.00	0.00 .	0.00 0.00	9.09 33.33	0.00 0.00	18.18
Total	2 18.18	2 18.18	0 0.00	2 18.18	3 27.27	2 18.18	11 100.00

Frequency Percent Col Pct	8. Inspect and test completed work to certify that maintenance meets standards and that aircraft is ready for operation.						
L34	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	2 16.67 100.00	2 16.67 100.00	1 8.33 100.00	2 16.67 100.00	2 16.67 66.67	2 16.67 100.00	11 91.67
Weekly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33 33.33	0 0.00 0.00	1 8.33
Total	2 16.67	2 16.67	1 8.33	2 16.67	3 25.00	2 16.67	12 100.00

Frequency Percent Col Pct	9. Document all aircraft maintenance						
L35	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	2 16.67 100.00	2 16.67 100.00	1 8.33 100.00	2 16.67 100.00	3 25.00 100.00	1 8.33 50.00	11 91.67
Monthly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33 50.00	1 8.33
Total	2 16.67	2 16.67	1 8.33	2 16.67	3 25.00	2 16.67	12 100.00

How important is competent performance of this task in this occupation?

Frequency Percent Col Pct	1. Determine the feasibility and method of repairing or replacing faulty or damaged components, e.g. by interpreting maintenance manuals or other specifications.						
L40	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	2 20.00 100.00	2 20.00 100.00	1 10.00 100.00	2 20.00 100.00	2 20.00 100.00	1 10.00 100.00	10 100.00
Total	2 20.00	2 20.00	1 10.00	2 20.00	2 20.00	1 10.00	10 100.00

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2. Conduct routine and special inspections.

Frequency / Percent / Col Pct	L41	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Major	2 16.67 100.00	1 8.33 50.00	1 8.33 100.00	2 16.67 100.00	3 25.00 100.00	1 8.33 50.00	10 83.33
	Some	0 0.00 0.00	1 8.33 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33 50.00	2 16.67
	Total	2 16.67	2 16.67	1 8.33	2 16.67	3 25.00	2 16.67	12 100.00

3. Examine aircraft components to detect faults, defects or potential problems.

Frequency / Percent / Col Pct	L42	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Major	2 16.67 100.00	2 16.67 100.00	1 8.33 100.00	2 16.67 100.00	3 25.00 100.00	2 16.67 100.00	12 100.00
	Total	2 16.67	2 16.67	1 8.33	2 16.67	3 25.00	2 16.67	12 100.00

4.Test aircraft communication equipment, instruments and electronic systems.

Frequency / Percent / Col Pct	L43	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Major	1 11.11 100.00	2 22.22 100.00	1 11.11 100.00	2 22.22 100.00	2 22.22 100.00	1 11.11 100.00	9 100.00
	Total	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	1 11.11	9 100.00

5.Measure parts for wear using precision instruments.

Frequency / Percent / Col Pct	L44	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Major	2 18.18 100.00	2 18.18 100.00	1 9.09 100.00	2 18.18 100.00	3 27.27 100.00	1 9.09 100.00	11 100.00
	Total	2 18.18	2 18.18	1 9.09	2 18.18	3 27.27	1 9.09	11 100.00

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6. Remove and reassemble large parts of planes (e.g. engines) using hoists or lifts.

Frequency / Percent / Col Pct	L45	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Major	2 16.67 100.00	2 16.67 100.00	0 0.00 0.00	2 16.67 100.00	3 25.00 100.00	2 16.67 100.00	11 91.67
	Some	0 0.00 0.00	0 0.00 0.00	1 8.33 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33
	Total	2 16.67	2 16.67	1 8.33	2 16.67	3 25.00	2 16.67	12 100.00

7. Replace or repair worn, defective or damaged components using hand tools, gauges

Frequency / Percent / Col Pct	L46	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Major	2 16.67 100.00	2 16.67 100.00	0 0.00 0.00	2 16.67 100.00	3 25.00 100.00	2 16.67 100.00	11 91.67
	Some	0 0.00 0.00	0 0.00 0.00	1 8.33 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33
	Total	2 16.67	2 16.67	1 8.33	2 16.67	3 25.00	2 16.67	12 100.00

8. Inspect and test completed work to certify that maintenance meets standards and that aircraft is ready for operation

Frequency / Percent / Col Pct	L47	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Major	2 16.67 100.00	2 16.67 100.00	1 8.33 100.00	2 16.67 100.00	3 25.00 100.00	2 16.67 100.00	12 100.00
	Total	2 16.67	2 16.67	1 8.33	2 16.67	3 25.00	2 16.67	12 100.00

9. Document all aircraft maintenance

Frequency / Percent / Col Pct	L48	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Major	2 16.67 100.00	1 8.33 50.00	1 8.33 100.00	2 16.67 100.00	3 25.00 100.00	2 16.67 100.00	11 91.67
	Some	0 0.00 0.00	1 8.33 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33

Total	2 16.67	2 16.67	1 8.33	2 16.67	3 25.00	2 16.67	12 100.00

Are there additional formal or legal requirements for this occupation

Frequency Percent Col Pct	diploma (full educational programme)						
L121_1	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
1	0 0.00 .	0 0.00 .	0 0.00 .	1 100.00 100.00	0 0.00 .	0 0.00 .	1 100.00
Total	0 0.00	0 0.00	0 0.00	1 100.00	0 0.00	0 0.00	1 100.00

Frequency Percent Col Pct	certification (training / course)						
L121_2	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
1	0 0.00 .	0 0.00 .	1 20.00 100.00	0 0.00 .	2 40.00 100.00	2 40.00 100.00	5 100.00
Total	0 0.00	0 0.00	1 20.00	0 0.00	2 40.00	2 40.00	5 100.00

Frequency Percent Col Pct	working according to a professional code or protocol						
L121_3	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
1	0 0.00 .	0 0.00 .	1 50.00 100.00	0 0.00 .	0 0.00 .	1 50.00 100.00	2 100.00
Total	0 0.00	0 0.00	1 50.00	0 0.00	0 0.00	1 50.00	2 100.00

Frequency Percent Col Pct	other						
L121_4	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
1	2 66.67 100.00	0 0.00 .	0 0.00 .	0 0.00 .	1 33.33 100.00	0 0.00 .	3 100.00
Total	2 66.67	0 0.00	0 0.00	0 0.00	1 33.33	0 0.00	3 100.00

How are the additional *diploma requirements* established/laid down?

Frequency Percent Col Pct	Table of L73 by COUNTRY						
L73	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Branch of	0	0	0	0	1	0	1

industry	0.00 .	0.00 .	0.00 .	0.00 0.00	50.00 100.00	0.00 .	50.00
Collective labour agreement	0 0.00 .	0 0.00 .	0 0.00 .	1 50.00 100.00	0 0.00 0.00	0 0.00 .	1 50.00
Total	0 0.00	0 0.00	0 0.00	1 50.00	1 50.00	0 0.00	2 100.00

How are the additional *certification (training/course) requirements* established/laid down?

Frequency Percent Col Pct		Table of L75 by COUNTRY						
	L75	**COUNTRY**						**Total**
		UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
	Branch or industry	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	2 100.00 100.00	0 0.00 .	2 100.00
	Total	0 0.00	0 0.00	0 0.00	0 0.00	2 100.00	0 0.00	2 100.00

How are the additional *professional code or protocol requirements* established/laid down?

Frequency Percent Col Pct		Table of L77 by COUNTRY						
	L77	**COUNTRY**						**Total**
		UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
	Law or legal requirement	0 0.00 .	0 0.00 .	1 100.00 100.00	0 0.00 .	0 0.00 .	0 0.00 .	1 100.00
	Total	0 0.00	0 0.00	1 100.00	0 0.00	0 0.00	0 0.00	1 100.00

How are the additional *other requirements* established/laid down?

Frequency Percent Col Pct		Table of L79 by COUNTRY						
	L79	**COUNTRY**						**Total**
		UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
	Law or legal requirement	2 100.00 100.00	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	2 100.00
	Total	2 100.00	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	2 100.00

Relevance of the competencies mentioned below for this occupation

Frequency Percent Col Pct		Initiating action						
	L86	**COUNTRY**						**Total**
		UK	**espagna**	**france**	**germany**	**netherl**	**poland**	

Major	1 9.09 50.00	1 9.09 50.00	0 0.00 0.00	2 18.18 100.00	1 9.09 50.00	1 9.09 50.00	6 54.55
Some	1 9.09 50.00	1 9.09 50.00	1 9.09 100.00	0 0.00 0.00	1 9.09 50.00	1 9.09 50.00	5 45.45
Total	2 18.18	2 18.18	1 9.09	2 18.18	2 18.18	2 18.18	11 100.00

Frequency Percent Col Pct	Instructing co-workers						
L87	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	1 9.09 50.00	1 9.09 50.00	4 36.36
Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	1 9.09
Some	1 9.09 50.00	2 18.18 100.00	1 9.09 100.00	1 9.09 50.00	0 0.00 0.00	1 9.09 50.00	6 54.55
Total	2 18.18	2 18.18	1 9.09	2 18.18	2 18.18	2 18.18	11 100.00

Frequency Percent Col Pct	Supervising						
L88	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	2 18.18 100.00	3 27.27
Not at all	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	1 9.09 50.00	0 0.00 0.00	3 27.27
Some	1 9.09 50.00	2 18.18 100.00	1 9.09 100.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	5 45.45
Total	2 18.18	2 18.18	1 9.09	2 18.18	2 18.18	2 18.18	11 100.00

Frequency Percent Col Pct	Co-operating with colleagues						
L89	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	2 18.18 100.00	0 0.00 0.00	0 0.00 0.00	2 18.18 100.00	2 18.18 100.00	0 0.00 0.00	6 54.55
Some	0 0.00 0.00	2 18.18 100.00	1 9.09 100.00	0 0.00 0.00	0 0.00 0.00	2 18.18 100.00	5 45.45

Total	2 18.18	2 18.18	1 9.09	2 18.18	2 18.18	2 18.18	11 100.00

Communicating

Frequency Percent Col Pct	L90	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Major	2 18.18 100.00	0 0.00 0.00	1 9.09 100.00	2 18.18 100.00	2 18.18 100.00	1 9.09 50.00	8 72.73
	Some	0 0.00 0.00	2 18.18 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	3 27.27
	Total	2 18.18	2 18.18	1 9.09	2 18.18	2 18.18	2 18.18	11 100.00

Relating and networking

Frequency Percent Col Pct	L91	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	1 9.09 50.00	2 18.18
	Not at all	1 9.09 50.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	3 27.27
	Some	1 9.09 50.00	1 9.09 50.00	1 9.09 100.00	1 9.09 50.00	1 9.09 50.00	1 9.09 50.00	6 54.55
	Total	2 18.18	2 18.18	1 9.09	2 18.18	2 18.18	2 18.18	11 100.00

Negotiating

Frequency Percent Col Pct	L92	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	1 9.09
	Not at all	1 9.09 50.00	2 18.18 100.00	0 0.00 0.00	1 9.09 50.00	2 18.18 100.00	0 0.00 0.00	6 54.55
	Some	1 9.09 50.00	0 0.00 0.00	1 9.09 100.00	0 0.00 0.00	0 0.00 0.00	2 18.18 100.00	4 36.36
	Total	2 18.18	2 18.18	1 9.09	2 18.18	2 18.18	2 18.18	11 100.00

Reporting

Frequency Percent	L93	COUNTRY	Total

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Col Pct		UK	espagna	france	germany	netherl	poland	
	Major	2 20.00 100.00	0 0.00 0.00	1 10.00 100.00	1 10.00 50.00	2 20.00 100.00	1 10.00 50.00	7 70.00
	Some	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	1 10.00 50.00	3 30.00
	Total	2 20.00	1 10.00	1 10.00	2 20.00	2 20.00	2 20.00	10 100.00

Applying know-how, professional expertise

Frequency Percent Col Pct	L94	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Major	2 18.18 100.00	1 9.09 50.00	1 9.09 100.00	2 18.18 100.00	2 18.18 100.00	1 9.09 50.00	9 81.82
	Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	1 9.09
	Some	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09
	Total	2 18.18	2 18.18	1 9.09	2 18.18	2 18.18	2 18.18	11 100.00

Problem solving

Frequency Percent Col Pct	L95	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Major	2 18.18 100.00	1 9.09 50.00	1 9.09 100.00	2 18.18 100.00	0 0.00 0.00	2 18.18 100.00	8 72.73
	Some	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	2 18.18 100.00	0 0.00 0.00	3 27.27
	Total	2 18.18	2 18.18	1 9.09	2 18.18	2 18.18	2 18.18	11 100.00

Developing new procedures and working methods

Frequency Percent Col Pct	L96	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	1 10.00
	Not at all	1 10.00 50.00	1 10.00 50.00	0 0.00 0.00	1 10.00 50.00	2 20.00 100.00	0 0.00 0.00	5 50.00
	Some	1 10.00	1 10.00	1 10.00	1 10.00	0 0.00	0 0.00	4 40.00

	50.00	50.00	100.00	50.00	0.00	0.00	
Total	2 20.00	2 20.00	1 10.00	2 20.00	2 20.00	1 10.00	10 100.00

Frequency
Percent
Col Pct

Forming strategies

L97	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Not at all	1 9.09 50.00	2 18.18 100.00	0 0.00 0.00	1 9.09 50.00	2 18.18 100.00	0 0.00 0.00	6 54.55
Some	1 9.09 50.00	0 0.00 0.00	1 9.09 100.00	1 9.09 50.00	0 0.00 0.00	2 18.18 100.00	5 45.45
Total	2 18.18	2 18.18	1 9.09	2 18.18	2 18.18	2 18.18	11 100.00

Frequency
Percent
Col Pct

Planning and organising

L98	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	1 9.09 100.00	2 18.18 100.00	0 0.00 0.00	0 0.00 0.00	3 27.27
Not at all	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	2 18.18
Some	2 18.18 100.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	2 18.18 100.00	6 54.55
Total	2 18.18	2 18.18	1 9.09	2 18.18	2 18.18	2 18.18	11 100.00

Frequency
Percent
Col Pct

Following instructions and procedures

L99	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	2 18.18 100.00	1 9.09 50.00	1 9.09 100.00	2 18.18 100.00	2 18.18 100.00	2 18.18 100.00	10 90.91
Some	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09
Total	2 18.18	2 18.18	1 9.09	2 18.18	2 18.18	2 18.18	11 100.00

Frequency
Percent
Col Pct

Dealing with contingencies

L100	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1	1	1	1	1	1	6

	9.09 50.00	9.09 50.00	9.09 100.00	9.09 50.00	9.09 50.00	9.09 50.00	54.55
Some	1 9.09 50.00	1 9.09 50.00	0 0.00 0.00	1 9.09 50.00	1 9.09 50.00	1 9.09 50.00	5 45.45
Total	2 18.18	2 18.18	1 9.09	2 18.18	2 18.18	2 18.18	11 100.00

Frequency Percent Col Pct	Coping with stressful situations						
L101	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	2 18.18 100.00	2 18.18 100.00	1 9.09 50.00	6 54.55
Not at all	0 0.00 0.00	2 18.18 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 18.18
Some	1 9.09 50.00	0 0.00 0.00	1 9.09 100.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	3 27.27
Total	2 18.18	2 18.18	1 9.09	2 18.18	2 18.18	2 18.18	11 100.00

Frequency Percent Col Pct	Commercial thinking						
L102	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	1 9.09 50.00	2 18.18
Not at all	1 9.09 50.00	2 18.18 100.00	1 9.09 100.00	1 9.09 50.00	1 9.09 50.00	0 0.00 0.00	6 54.55
Some	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	1 9.09 50.00	3 27.27
Total	2 18.18	2 18.18	1 9.09	2 18.18	2 18.18	2 18.18	11 100.00

Do you expect the size of this occupation (how many people are working in the occupation) to decline, increase or remain stable in the next 5 years?

Frequency Percent Col Pct	Table of L111 by COUNTRY						
L111	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Decline	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	0 0.00 0.00	2 20.00 100.00	2 20.00
Increase	1 10.00	2 20.00	0 0.00	1 10.00	0 0.00	0 0.00	4 40.00

	50.00	100.00	.	50.00	0.00	0.00	
Stable	1 10.00 50.00	0 0.00 0.00	0 0.00 .	1 10.00 50.00	2 20.00 100.00	0 0.00 0.00	4 40.00
Total	2 20.00	2 20.00	0 0.00	2 20.00	2 20.00	2 20.00	10 100.00

Most indicated tasks are performed daily. The frequency is very similar in analyzed countries (in general in Poland and in the Netherlands some tasks are performed less frequent than in other countries). Slight differences can be observed in the following task descriptions:

- task 1 (Determine the feasibility and method of repairing or replacing faulty or damaged components, e.g. by interpreting maintenance manuals or other specifications) for UK, Spain, France and Germany experts indicated, that it is done daily, and in Poland and the Netherlands this task is not performed, or is performed rare (weekly or monthly)
- task 2 (Conduct routine and special inspections) is less frequent performed in Poland and the Netherlands, that in the rest of counries, where is performed daily
- task 4 (Test aircraft communication equipment, instruments and electronic systems) is never or less frequent performed in UK, the Netherlands and Poland
- task 5 (Measure parts for wear using precision instruments) according Polish experts is not performed at all, or yerly, while in the rest countries daily or weekly

Competent performance of all task in all analyzed countries is out of major importance. Exemptions:

- Competent performance of Task 2 (Conduct routine and special inspections) in Spain and Poland is out of some importance,
- Competent performance of task 6 (Remove and reassemble large parts of planes (e.g. engines) using hoists or lifts) and task 7 (Replace or repair worn, defective or damaged components using hand tools, gauges) in France is out of some importance,
- Competent performance of task 9 (Document all aircraft maintenance) in Spain is out of less importance.

In most countries there are additional formal or legal requirements for this occupation.

- In Germany - diploma (full educational programme),
- In France - certification (training / course), working according to a professional code or protocol
- In the Netherlands - certification (training / course), and other,
- In Poland - working according to a professional code or protocol,
- In UK – other.

In the Netherlands additional diploma/certification requirements are established by branch of industry, in Germany – by collective labour agreement. Additional professional code or protocol requirements in France, and other in UK are established by law.

Following competences are very important for this occupation:

- Initiating action – UK, ES, DE, NL, PL
- Instructing co-workers – UK, DE, NL. PL
- Instructing co-workers – DE, PL
- Co-operating with colleagues – UK, DE, NL
- Communicating – UK, FR, DE, NL, PL,
- Relating and networking – DE, PL,
- Negotiating – DE,
- Reporting – UK, FR, DE, NL, PL,
- Applying know-how, professional expertise – UK, ES, FR, DE, NL, PL,
- Problem solving – UK, ES,FR, DE, PL,
- Developing new procedures and working methods – PL,
- Planning and organising – FR, DE,
- Following instructions and procedures – UK, ES, FR, DE, NL, PL,
- Dealing with contingencies – UK, ES, FR, DE, NL, PL,
- Coping with stressful situations – UK, DE, NL, PL,
- Commercial thinking – DE, PL,

In Poland experts expect that the size of this occupation decline, in the Netherlands – will be stable, and in UK, Spain, Germany – increase.

3.2 Occupation Assembling helper

Task list:

1. Put together finished and semi-finished goods
2. Assemble the pieces of components of the product
3. Assist assemblers in the manufacturing process.
4. Examine products to verify conformity to quality standards.
5. Observe equipment operations to detect faults and notify operators of any faults.
6. Lift raw materials, finished products and packed items manually or using hoists.
7. Load and unload items to and from machines, conveyors and conveyances.
8. Undertake inventory procedures, pack materials and place in storage.
9. Mark or tag identification on parts.
10. Maintain the cleanliness of machinery and the working area.
11. Do off-line duties such as sub-assembly and testing, under instruction from leading hands or supervisors.

How frequently the task is performed (never or on a daily, weekly, monthly or yearly basis)?

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Frequency / Percent / Col Pct	Put together finished and semi-finished goods						
L27	COUNTRY						Total
	UK	belgium	espagna	france	netherl	poland	
Daily	1 11.11 100.00	0 0.00 .	2 22.22 100.00	1 11.11 100.00	3 33.33 100.00	2 22.22 100.00	9 100.00
Total	1 11.11	0 0.00	2 22.22	1 11.11	3 33.33	2 22.22	9 100.00

Frequency / Percent / Col Pct	Assemble the pieces of components of the product						
L28	COUNTRY						Total
	UK	belgium	espagna	france	netherl	poland	
Daily	1 11.11 100.00	1 11.11 100.00	2 22.22 100.00	0 0.00 .	3 33.33 100.00	2 22.22 100.00	9 100.00
Total	1 11.11	1 11.11	2 22.22	0 0.00	3 33.33	2 22.22	9 100.00

Frequency / Percent / Col Pct	Assist assemblers in the manufacturing process.						
L29	COUNTRY						Total
	UK	belgium	espagna	france	netherl	poland	
Daily	0 0.00 0.00	1 10.00 100.00	2 20.00 100.00	1 10.00 100.00	3 30.00 100.00	1 10.00 50.00	8 80.00
Never	1 10.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	2 20.00
Total	1 10.00	1 10.00	2 20.00	1 10.00	3 30.00	2 20.00	10 100.00

Frequency / Percent / Col Pct	Examine products to verify conformity to quality standards.						
L30	COUNTRY						Total
	UK	belgium	espagna	france	netherl	poland	
Daily	1 10.00 100.00	1 10.00 100.00	2 20.00 100.00	1 10.00 100.00	3 30.00 100.00	2 20.00 100.00	10 100.00

Total	1 10.00	1 10.00	2 20.00	1 10.00	3 30.00	2 20.00	10 100.00

Frequency
Percent
Col Pct

Observe equipment operations to detect faults and notify operators of any faults

L31	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**netherl**	**poland**	
Daily	1 10.00 100.00	0 0.00 0.00	2 20.00 100.00	1 10.00 100.00	2 20.00 66.67	1 10.00 50.00	7 70.00
Monthly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	1 10.00
Weekly	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	0 0.00 0.00	1 10.00 33.33	0 0.00 0.00	2 20.00
Total	1 10.00	1 10.00	2 20.00	1 10.00	3 30.00	2 20.00	10 100.00

Frequency
Percent
Col Pct

Lift raw materials, finished products and packed items manually or using hoists

L32	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**netherl**	**poland**	
Daily	1 10.00 100.00	1 10.00 100.00	1 10.00 50.00	1 10.00 100.00	2 20.00 66.67	2 20.00 100.00	8 80.00
Weekly	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	1 10.00 33.33	0 0.00 0.00	2 20.00
Total	1 10.00	1 10.00	2 20.00	1 10.00	3 30.00	2 20.00	10 100.00

Frequency
Percent
Col Pct

Load and unload items to and from machines, conveyors and conveyances.

L33	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**netherl**	**poland**	
Daily	1 10.00 100.00	1 10.00 100.00	1 10.00 50.00	1 10.00 100.00	2 20.00 66.67	2 20.00 100.00	8 80.00

Weekly	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	1 10.00 33.33	0 0.00 0.00	2 20.00
Total	1 10.00	1 10.00	2 20.00	1 10.00	3 30.00	2 20.00	10 100.00

Frequency **Percent** **Col Pct**	Undertake inventory procedures, pack materials and place in storage.						
L34	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**netherl**	**poland**	
Daily	1 10.00 100.00	1 10.00 100.00	1 10.00 50.00	1 10.00 100.00	1 10.00 33.33	2 20.00 100.00	7 70.00
Monthly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 33.33	0 0.00 0.00	1 10.00
Weekly	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	1 10.00 33.33	0 0.00 0.00	2 20.00
Total	1 10.00	1 10.00	2 20.00	1 10.00	3 30.00	2 20.00	10 100.00

Frequency **Percent** **Col Pct**	Mark or tag identification on parts.						
L35	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**netherl**	**poland**	
Daily	0 0.00 .	1 11.11 100.00	1 11.11 50.00	1 11.11 100.00	2 22.22 66.67	2 22.22 100.00	7 77.78
Weekly	0 0.00 .	0 0.00 0.00	1 11.11 50.00	0 0.00 0.00	1 11.11 33.33	0 0.00 0.00	2 22.22
Total	0 0.00	1 11.11	2 22.22	1 11.11	3 33.33	2 22.22	9 100.00

Frequency **Percent** **Col Pct**	Maintain the cleanliness of machinery and the working area.						
L36	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**netherl**	**poland**	
Daily	1 10.00	0 0.00	2 20.00	1 10.00	1 10.00	2 20.00	7 70.00

	100.00	0.00	100.00	100.00	33.33	100.00	
Never	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00
Weekly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 20.00 66.67	0 0.00 0.00	2 20.00
Total	1 10.00	1 10.00	2 20.00	1 10.00	3 30.00	2 20.00	10 100.00

Frequency Percent Col Pct	Do off-line duties such as sub-assembly and testing, under instruction from leading hands or supervisors						
L36B	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**netherl**	**poland**	
Daily	0 0.00 .	1 12.50 100.00	1 12.50 50.00	0 0.00 .	1 12.50 33.33	1 12.50 50.00	4 50.00
Monthly	0 0.00 .	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 12.50 33.33	1 12.50 50.00	2 25.00
Weekly	0 0.00 .	0 0.00 0.00	1 12.50 50.00	0 0.00 .	1 12.50 33.33	0 0.00 0.00	2 25.00
Total	0 0.00	1 12.50	2 25.00	0 0.00	3 37.50	2 25.00	8 100.00

How important is competent performance of this task in this occupation?

Frequency Percent Col Pct	Put together finished and semi-finished goods						
L40	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**netherl**	**poland**	
Major	1 12.50 100.00	0 0.00 .	2 25.00 100.00	0 0.00 0.00	2 25.00 100.00	2 25.00 100.00	7 87.50
Some	0 0.00 0.00	0 0.00 .	0 0.00 0.00	1 12.50 100.00	0 0.00 0.00	0 0.00 0.00	1 12.50
Total	1 12.50	0 0.00	2 25.00	1 12.50	2 25.00	2 25.00	8 100.00

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Frequency / Percent / Col Pct	Assemble the pieces of components of the product - daily in all countries						
L41	COUNTRY						Total
	UK	belgium	espagna	france	netherl	poland	
Major	1 11.11 100.00	1 11.11 100.00	2 22.22 100.00	0 0.00 0.00	2 22.22 100.00	2 22.22 100.00	8 88.89
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11 100.00	0 0.00 0.00	0 0.00 0.00	1 11.11
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Frequency / Percent / Col Pct	Assist assemblers in the manufacturing process						
L42	COUNTRY						Total
	UK	belgium	espagna	france	netherl	poland	
Major	0 0.00 .	1 14.29 100.00	2 28.57 100.00	1 14.29 100.00	2 28.57 100.00	0 0.00 0.00	6 85.71
Some	0 0.00 .	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 14.29 100.00	1 14.29
Total	0 0.00	1 14.29	2 28.57	1 14.29	2 28.57	1 14.29	7 100.00

Frequency / Percent / Col Pct	Examine products to verify conformity to quality standards						
L43	COUNTRY						Total
	UK	belgium	espagna	france	netherl	poland	
Major	1 11.11 100.00	1 11.11 100.00	2 22.22 100.00	1 11.11 100.00	2 22.22 100.00	2 22.22 100.00	9 100.00
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Frequency / Percent	Observe equipment operations to detect faults and notify operators of any faults		
L44	COUNTRY		Total

Col Pct		UK	belgium	espagna	france	netherl	poland	
	Major	1 11.11 100.00	0 0.00 0.00	2 22.22 100.00	1 11.11 100.00	2 22.22 100.00	2 22.22 100.00	8 88.89
	Some	0 0.00 0.00	1 11.11 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11
	Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Frequency Percent Col Pct		Lift raw materials, finished products and packed items manually or using hoists						
	L45	COUNTRY						Total
		UK	belgium	espagna	france	netherl	poland	
	Major	0 0.00 0.00	1 11.11 100.00	1 11.11 50.00	1 11.11 100.00	1 11.11 50.00	1 11.11 50.00	5 55.56
	Some	1 11.11 100.00	0 0.00 0.00	1 11.11 50.00	0 0.00 0.00	1 11.11 50.00	1 11.11 50.00	4 44.44
	Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Frequency Percent Col Pct		Load and unload items to and from machines, conveyors and conveyances						
	L46	COUNTRY						Total
		UK	belgium	espagna	france	netherl	poland	
	Major	0 0.00 0.00	1 11.11 100.00	1 11.11 50.00	1 11.11 100.00	2 22.22 100.00	2 22.22 100.00	7 77.78
	Some	1 11.11 100.00	0 0.00 0.00	1 11.11 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 22.22
	Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Frequency Percent Col Pct		Undertake inventory procedures, pack materials and place in storage						
	L47	COUNTRY						Total
		UK	belgium	espagna	france	netherl	poland	

Major	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	1 11.11 100.00	1 11.11 50.00	1 11.11 50.00	4 44.44
Some	1 11.11 100.00	1 11.11 100.00	1 11.11 50.00	0 0.00 0.00	1 11.11 50.00	1 11.11 50.00	5 55.56
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Frequency
Percent
Col Pct

Mark or tag identification on parts

L48	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**netherl**	**poland**	
Major	1 11.11 100.00	0 0.00 0.00	1 11.11 50.00	1 11.11 100.00	1 11.11 50.00	1 11.11 50.00	5 55.56
Some	0 0.00 0.00	1 11.11 100.00	1 11.11 50.00	0 0.00 0.00	1 11.11 50.00	1 11.11 50.00	4 44.44
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Frequency
Percent
Col Pct

Maintain the cleanliness of machinery and the working area

L49	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**netherl**	**poland**	
Major	1 12.50 100.00	0 0.00 .	1 12.50 50.00	1 12.50 100.00	1 12.50 50.00	1 12.50 50.00	5 62.50
Some	0 0.00 0.00	0 0.00 .	1 12.50 50.00	0 0.00 0.00	1 12.50 50.00	1 12.50 50.00	3 37.50
Total	1 12.50	0 0.00	2 25.00	1 12.50	2 25.00	2 25.00	8 100.00

Frequency
Percent
Col Pct

Do off-line duties such as sub-assembly and testing, under instruction from leading hands or supervisors

L49B	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**netherl**	**poland**	
Major	1	0	2	0	1	0	4

	11.11 100.00	0.00 0.00	22.22 100.00	0.00 0.00	11.11 50.00	0.00 0.00	44.44
Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	1 11.11
Some	0 0.00 0.00	1 11.11 100.00	0 0.00 0.00	1 11.11 100.00	1 11.11 50.00	1 11.11 50.00	4 44.44
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Are there additional formal or legal requirements for this occupation

Frequency Percent Col Pct	certification (training / course)						
L121_2	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**netherl**	**poland**	
1	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	1 100.00 100.00	1 100.00
Total	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	1 100.00	1 100.00

How are the additional *certification (training/course) requirements* established/laid down?

Frequency Percent Col Pct	Table of L75 by COUNTRY						
L75	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**netherl**	**poland**	
Law or legal requirement	0 0.00 .	0 0.00 .	1 100.00 100.00	0 0.00 .	0 0.00 .	0 0.00 .	1 100.00
Total	0 0.00	0 0.00	1 100.00	0 0.00	0 0.00	0 0.00	1 100.00

Relevance of the competencies mentioned below for this occupation

Frequency Percent Col Pct	Initiating action						
L86	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**netherl**	**poland**	

Major	0 0.00 0.00	0 0.00 0.00	1 12.50 50.00	0 0.00 .	0 0.00 0.00	2 25.00 100.00	3 37.50
Not at all	1 12.50 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 12.50 50.00	0 0.00 0.00	2 25.00
Some	0 0.00 0.00	1 12.50 100.00	1 12.50 50.00	0 0.00 .	1 12.50 50.00	0 0.00 0.00	3 37.50
Total	1 12.50	1 12.50	2 25.00	0 0.00	2 25.00	2 25.00	8 100.00

Frequency
Percent
Col Pct

Instructing co-workers

L87	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	1 11.11
Not at all	0 0.00 0.00	1 11.11 100.00	0 0.00 0.00	0 0.00 0.00	2 22.22 100.00	0 0.00 0.00	3 33.33
Some	1 11.11 100.00	0 0.00 0.00	2 22.22 100.00	1 11.11 100.00	0 0.00 0.00	1 11.11 50.00	5 55.56
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Frequency
Percent
Col Pct

Supervising

L88	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 22.22 100.00	2 22.22
Not at all	1 11.11 100.00	1 11.11 100.00	0 0.00 0.00	1 11.11 100.00	2 22.22 100.00	0 0.00 0.00	5 55.56
Some	0 0.00 0.00	0 0.00 0.00	2 22.22 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 22.22

Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Frequency Percent Col Pct	Table of L89 by COUNTRY						
L89	Co-operating with colleagues						**Total**
	UK	**belgium**	**espagna**	**france**	**netherl**	**poland**	
Major	1 11.11 100.00	1 11.11 100.00	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	2 22.22 100.00	5 55.56
Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	0 0.00 0.00	1 11.11
Some	0 0.00 0.00	0 0.00 0.00	2 22.22 100.00	1 11.11 100.00	0 0.00 0.00	0 0.00 0.00	3 33.33
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Frequency Percent Col Pct	Communicating						
L90	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 22.22 100.00	2 22.22
Not at all	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	0 0.00 0.00	1 11.11 50.00	0 0.00 0.00	2 22.22
Some	1 11.11 100.00	1 11.11 100.00	1 11.11 50.00	1 11.11 100.00	1 11.11 50.00	0 0.00 0.00	5 55.56
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Frequency Percent Col Pct	Relating and networking						
L91	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**netherl**	**poland**	
Major	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	2 22.22	2 22.22

	0.00	0.00	0.00	0.00	0.00	100.00	
Not at all	1 11.11 100.00	1 11.11 100.00	2 22.22 100.00	1 11.11 100.00	2 22.22 100.00	0 0.00 0.00	7 77.78
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Frequency **Percent** **Col Pct**	Negotiating						
L92	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**netherl**	**poland**	
Not at all	1 11.11 100.00	1 11.11 100.00	2 22.22 100.00	1 11.11 100.00	2 22.22 100.00	0 0.00 0.00	7 77.78
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 22.22 100.00	2 22.22
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Frequency **Percent** **Col Pct**	Reporting						
L93	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**netherl**	**poland**	
Major	0 0.00 0.00	1 11.11 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	2 22.22
Not at all	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	1 11.11 100.00	1 11.11 50.00	0 0.00 0.00	3 33.33
Some	1 11.11 100.00	0 0.00 0.00	1 11.11 50.00	0 0.00 0.00	1 11.11 50.00	1 11.11 50.00	4 44.44
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Frequency **Percent** **Col Pct**	Applying know-how, professional expertise						
L94	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**netherl**	**poland**	
Major	1	0	1	1	0	1	4

	11.11 100.00	0.00 0.00	11.11 50.00	11.11 100.00	0.00 0.00	11.11 50.00	44.44
Some	0 0.00 0.00	1 11.11 100.00	1 11.11 50.00	0 0.00 0.00	2 22.22 100.00	1 11.11 50.00	5 55.56
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Frequency Percent Col Pct	Problem solving						
L95	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**netherl**	**poland**	
Major	0 0.00 0.00	1 11.11 100.00	1 11.11 50.00	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	3 33.33
Not at all	1 11.11 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11
Some	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	1 11.11 100.00	2 22.22 100.00	1 11.11 50.00	5 55.56
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Frequency Percent Col Pct	Developing new procedures and working methods						
L96	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	1 11.11
Not at all	1 11.11 100.00	1 11.11 100.00	1 11.11 50.00	1 11.11 100.00	2 22.22 100.00	0 0.00 0.00	6 66.67
Some	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	2 22.22
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

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Frequency / Percent / Col Pct	Forming strategies						
L97	COUNTRY						Total
	UK	belgium	espagna	france	netherl	poland	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	1 11.11
Not at all	1 11.11 100.00	1 11.11 100.00	2 22.22 100.00	1 11.11 100.00	2 22.22 100.00	0 0.00 0.00	7 77.78
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	1 11.11
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Frequency / Percent / Col Pct	Planning and organising						
L98	COUNTRY						Total
	UK	belgium	espagna	france	netherl	poland	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	1 11.11
Not at all	0 0.00 0.00	1 11.11 100.00	2 22.22 100.00	1 11.11 100.00	2 22.22 100.00	0 0.00 0.00	6 66.67
Some	1 11.11 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	2 22.22
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Frequency / Percent / Col Pct	Following instructions and procedures						
L99	COUNTRY						Total
	UK	belgium	espagna	france	netherl	poland	
Major	1 11.11 100.00	1 11.11 100.00	1 11.11 50.00	1 11.11 100.00	2 22.22 100.00	2 22.22 100.00	8 88.89
Some	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11

Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Frequency Percent Col Pct	Dealing with contingencies						
L100	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	1 11.11
Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	0 0.00 0.00	1 11.11
Some	1 11.11 100.00	1 11.11 100.00	2 22.22 100.00	1 11.11 100.00	1 11.11 50.00	1 11.11 50.00	7 77.78
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Frequency Percent Col Pct	Coping with stressful situations						
L101	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	1 11.11 50.00	2 22.22
Not at all	1 11.11 100.00	0 0.00 0.00	2 22.22 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	3 33.33
Some	0 0.00 0.00	1 11.11 100.00	0 0.00 0.00	1 11.11 100.00	1 11.11 50.00	1 11.11 50.00	4 44.44
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Frequency Percent Col Pct	Commercial thinking						
L102	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**netherl**	**poland**	
Major	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	2 22.22	2 22.22

	0.00	0.00	0.00	0.00	0.00	100.00	
Not at all	1 11.11 100.00	1 11.11 100.00	2 22.22 100.00	1 11.11 100.00	2 22.22 100.00	0 0.00 0.00	7 77.78
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Do you expect the size of this occupation (how many people are working in the occupation) to decline, increase or remain stable in the next 5 years?

Frequency Percent Col Pct	Table of L111 by COUNTRY						
L111	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**netherl**	**poland**	
Decline	1 14.29 100.00	0 0.00 .	0 0.00 0.00	0 0.00 .	2 28.57 100.00	0 0.00 0.00	3 42.86
Increase	0 0.00 0.00	0 0.00 .	1 14.29 50.00	0 0.00 .	0 0.00 0.00	1 14.29 50.00	2 28.57
Stable	0 0.00 0.00	0 0.00 .	1 14.29 50.00	0 0.00 .	0 0.00 0.00	1 14.29 50.00	2 28.57
Total	1 14.29	0 0.00	2 28.57	0 0.00	2 28.57	2 28.57	7 100.00

All indicated tasks in most countries are performed daily, and the competent performance all the tasks is out of major importance. Here is a short summary of the tasks characteristics in all countries:

1. Put together finished and semi-finished goods – daily in all countries (except – BE), competent performance is out of major importance (except – BE, FR)
2. Assemble the pieces of components of the product - daily in all countries (except – FR), competent performance is out of major importance (except – FR)
3. Assist assemblers in the manufacturing process. - daily in all countries (except – UK), competent performance is out of major importance (except – UK, PL)
4. Examine products to verify conformity to quality standards. - daily in all countries, competent performance is out of major importance in all countries,
5. Observe equipment operations to detect faults and notify operators of any faults. - daily in all countries (except – BE - weekly), competent performance is out of major importance (except – BE)
6. Lift raw materials, finished products and packed items manually or using hoists. - daily in all

countries, competent performance is out of major importance (except – UK)

7. Load and unload items to and from machines, conveyors and conveyances. - daily in all countries, competent performance is out of major importance (except – UK)

8. Undertake inventory procedures, pack materials and place in storage. - daily in all countries, competent performance is out of major or some importance in all countries

9. Mark or tag identification on parts - daily in all countries (except – UK), performance is out of major or some importance in all countries

10. Maintain the cleanliness of machinery and the working area. - daily in all countries (except – BE), performance is out of major or some importance (except – BE),

11. Do off-line duties such as sub-assembly and testing, under instruction from leading hands or supervisors. daily in all countries (except – UK, FR), competent performance is out of major importance only in UK, ES, NL

Only Polish experts indicated, that there are additional formal or legal requirements for this occupation (certificate).

Competences vary across countries. Most indicated in the questionnaire competences are not important (except Co-operating with colleagues, Applying know-how, professional expertise, Following instructions and procedures). The except is Poland where almost all competences are out of major importance. Following competences were important in indicated countries:

- Initiating action – ES, PL
- Instructing co-workers - PL
- Supervising - PL
- Co-operating with colleagues – UK, BE, NL, PL
- Communicating - PL
- Relating and networking - PL
- Reporting – BE, PL,
- Applying know-how, professional expertise – UK, ES, FR, PL
- Problem solving – BE, ES, PL,
- Developing new procedures and working methods - PL
- Forming strategies - PL
- Planning and organising - PL
- Following instructions and procedures – UK, BE, ES, FR, NL, PL
- Dealing with contingencies - PL
- Coping with stressful situations – NL, PL,
- Commercial thinking - PL

In UK and the Netherlands experts expect that the size of this occupation decline, in Spain and Poland – increase or will be stable.

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3.3 Occupation Beverage production process operator

Tasks list:

1. Store and organise supplies.
2. Operate machinery to process alcoholic or non-alcoholic beverages (e.g. grind, extract, mix, blend, distil).
3. Take measurements and conduct standardised tests on beverages, e.g. to ensure compliance with standards and regulations regarding factors such as colour, texture and nutrients.
4. Prepare basic ingredients for processing.
5. Make records of the production flow.
6. Operate machinery to bottle, can or otherwise package beverages.
7. Monitor the production process and adjust machinery if necessary.
8. Sterilise packaging material, such as bottles and containers.
9. Label and pack the products.
10. Check and maintain the cleanliness of equipment and utensils to make sure health and safety regulations are met.
11. Inform supervisors about relevant issues, e.g. when equipment is not working properly or supplies are getting low.

How frequently the task is performed (never or on a daily, weekly, monthly or yearly basis)?

Frequency / Percent / Col Pct		Store and organise supplies							
	L27	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Daily	2 14.29 50.00	0 0.00 0.00	1 7.14 33.33	2 14.29 100.00	3 21.43 100.00	1 7.14 100.00	0 0.00 .	9 64.29
	Never	1 7.14 25.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 7.14
	Weekly	1 7.14 25.00	1 7.14 100.00	2 14.29 66.67	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	4 28.57
	Total	4 28.57	1 7.14	3 21.43	2 14.29	3 21.43	1 7.14	0 0.00	14 100.00

Frequency / Percent / Col Pct		Operate machinery to process alcoholic or non-alcoholic beverages (e.g. grind, extract, mix, blend, distil).							
	L28	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Daily	4 28.57 100.00	1 7.14 100.00	3 21.43 100.00	2 14.29 100.00	3 21.43 100.00	1 7.14 100.00	0 0.00 .	14 100.00

Total	4	1	3	2	3	1	0	14
	28.57	7.14	21.43	14.29	21.43	7.14	0.00	100.00

Take measurements and conduct standardised tests on beverages, e.g. to ensure compliance with standards and regulations regarding factors such as colour, texture and nutrients

Frequency / Percent / Col Pct	L29	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Daily	3	1	3	2	3	1	0	13
		21.43	7.14	21.43	14.29	21.43	7.14	0.00	92.86
		75.00	100.00	100.00	100.00	100.00	100.00	.	
	Never	1	0	0	0	0	0	0	1
		7.14	0.00	0.00	0.00	0.00	0.00	0.00	7.14
		25.00	0.00	0.00	0.00	0.00	0.00	.	
	Total	4	1	3	2	3	1	0	14
		28.57	7.14	21.43	14.29	21.43	7.14	0.00	100.00

Prepare basic ingredients for processing

Frequency / Percent / Col Pct	L30	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Daily	3	1	3	2	3	1	0	13
		21.43	7.14	21.43	14.29	21.43	7.14	0.00	92.86
		75.00	100.00	100.00	100.00	100.00	100.00	.	
	Never	1	0	0	0	0	0	0	1
		7.14	0.00	0.00	0.00	0.00	0.00	0.00	7.14
		25.00	0.00	0.00	0.00	0.00	0.00	.	
	Total	4	1	3	2	3	1	0	14
		28.57	7.14	21.43	14.29	21.43	7.14	0.00	100.00

Make records of the production flow

Frequency / Percent / Col Pct	L31	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Daily	4	1	3	2	3	0	0	13
		28.57	7.14	21.43	14.29	21.43	0.00	0.00	92.86
		100.00	100.00	100.00	100.00	100.00	0.00	.	
	Weekly	0	0	0	0	0	1	0	1
		0.00	0.00	0.00	0.00	0.00	7.14	0.00	7.14
		0.00	0.00	0.00	0.00	0.00	100.00	.	
	Total	4	1	3	2	3	1	0	14

	28.57	7.14	21.43	14.29	21.43	7.14	0.00	100.00

Frequency / Percent / Col Pct	Operate machinery to bottle, can or otherwise package beverages							
L32	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Daily	4	1	3	2	3	1	0	14
	28.57	7.14	21.43	14.29	21.43	7.14	0.00	100.00
	100.00	100.00	100.00	100.00	100.00	100.00	.	
Total	4	1	3	2	3	1	0	14
	28.57	7.14	21.43	14.29	21.43	7.14	0.00	100.00

Frequency / Percent / Col Pct	Monitor the production process and adjust machinery if necessary							
L33	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Daily	4	1	3	2	3	1	0	14
	28.57	7.14	21.43	14.29	21.43	7.14	0.00	100.00
	100.00	100.00	100.00	100.00	100.00	100.00	.	
Total	4	1	3	2	3	1	0	14
	28.57	7.14	21.43	14.29	21.43	7.14	0.00	100.00

Frequency / Percent / Col Pct	Sterilise packaging material, such as bottles and containers							
L34	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Daily	3	1	3	2	3	1	0	13
	21.43	7.14	21.43	14.29	21.43	7.14	0.00	92.86
	75.00	100.00	100.00	100.00	100.00	100.00	.	
Never	1	0	0	0	0	0	0	1
	7.14	0.00	0.00	0.00	0.00	0.00	0.00	7.14
	25.00	0.00	0.00	0.00	0.00	0.00	.	
Total	4	1	3	2	3	1	0	14
	28.57	7.14	21.43	14.29	21.43	7.14	0.00	100.00

Frequency / Percent / Col Pct	Label and pack the products.							
L35	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Daily	4	1	3	2	3	1	0	14

	28.57 100.00	7.14 100.00	21.43 100.00	14.29 100.00	21.43 100.00	7.14 100.00	0.00 .	100.00
Total	4 28.57	1 7.14	3 21.43	2 14.29	3 21.43	1 7.14	0 0.00	14 100.00

Frequency / Percent / Col Pct

Check and maintain the cleanliness of equipment and utensils to make sure health and safety regulations are met

L36	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Daily	4 30.77 100.00	1 7.69 100.00	2 15.38 100.00	2 15.38 100.00	3 23.08 100.00	0 0.00 0.00	0 0.00 .	12 92.31
Weekly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 7.69 100.00	0 0.00 .	1 7.69
Total	4 30.77	1 7.69	2 15.38	2 15.38	3 23.08	1 7.69	0 0.00	13 100.00

Frequency / Percent / Col Pct

Inform supervisors about relevant issues, e.g. when equipment is not working properly or supplies are getting low.

L36B	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Daily	3 21.43 75.00	1 7.14 100.00	2 14.29 66.67	2 14.29 100.00	3 21.43 100.00	0 0.00 0.00	0 0.00 .	11 78.57
Weekly	1 7.14 25.00	0 0.00 0.00	1 7.14 33.33	0 0.00 0.00	0 0.00 0.00	1 7.14 100.00	0 0.00 .	3 21.43
Total	4 28.57	1 7.14	3 21.43	2 14.29	3 21.43	1 7.14	0 0.00	14 100.00

How important is competent performance of this task in this occupation?

Frequency / Percent / Col Pct

Store and organise supplies

L40	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	2 15.38 66.67	1 7.69 100.00	1 7.69 33.33	0 0.00 0.00	3 23.08 100.00	0 0.00 0.00	0 0.00 .	7 53.85
Some	1	0	2	2	0	1	0	6

	7.69	0.00	15.38	15.38	0.00	7.69	0.00	46.15
	33.33	0.00	66.67	100.00	0.00	100.00	.	
Total	3	1	3	2	3	1	0	13
	23.08	7.69	23.08	15.38	23.08	7.69	0.00	100.00

Frequency / Percent / Col Pct

Operate machinery to process alcoholic or non-alcoholic beverages

L41	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	4	1	3	1	3	1	0	13
	28.57	7.14	21.43	7.14	21.43	7.14	0.00	92.86
	100.00	100.00	100.00	50.00	100.00	100.00	.	
Some	0	0	0	1	0	0	0	1
	0.00	0.00	0.00	7.14	0.00	0.00	0.00	7.14
	0.00	0.00	0.00	50.00	0.00	0.00	.	
Total	4	1	3	2	3	1	0	14
	28.57	7.14	21.43	14.29	21.43	7.14	0.00	100.00

Frequency / Percent / Col Pct

Take measurements and conduct standardised tests on beverages, e.g. to ensure compliance with standards and regulations regarding factors such as colour, texture and nutrients

L42	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	3	1	2	1	3	1	0	11
	23.08	7.69	15.38	7.69	23.08	7.69	0.00	84.62
	100.00	100.00	66.67	50.00	100.00	100.00	.	
Some	0	0	1	1	0	0	0	2
	0.00	0.00	7.69	7.69	0.00	0.00	0.00	15.38
	0.00	0.00	33.33	50.00	0.00	0.00	.	
Total	3	1	3	2	3	1	0	13
	23.08	7.69	23.08	15.38	23.08	7.69	0.00	100.00

Frequency / Percent / Col Pct

Prepare basic ingredients for processing

L43	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	3	1	1	1	3	1	0	10
	23.08	7.69	7.69	7.69	23.08	7.69	0.00	76.92
	100.00	100.00	33.33	50.00	100.00	100.00	.	
Some	0	0	2	1	0	0	0	3
	0.00	0.00	15.38	7.69	0.00	0.00	0.00	23.08

	0.00	0.00	66.67	50.00	0.00	0.00	.	
Total	3 23.08	1 7.69	3 23.08	2 15.38	3 23.08	1 7.69	0 0.00	13 100.00

Frequency Percent Col Pct	Make records of the production flow							
L44	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	4 28.57 100.00	1 7.14 100.00	1 7.14 33.33	1 7.14 50.00	3 21.43 100.00	1 7.14 100.00	0 0.00 .	11 78.57
Some	0 0.00 0.00	0 0.00 0.00	2 14.29 66.67	1 7.14 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	3 21.43
Total	4 28.57	1 7.14	3 21.43	2 14.29	3 21.43	1 7.14	0 0.00	14 100.00

Frequency Percent Col Pct	Operate machinery to bottle, can or otherwise package beverages							
L45	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	4 28.57 100.00	1 7.14 100.00	3 21.43 100.00	1 7.14 50.00	3 21.43 100.00	1 7.14 100.00	0 0.00 .	13 92.86
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 7.14 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 7.14
Total	4 28.57	1 7.14	3 21.43	2 14.29	3 21.43	1 7.14	0 0.00	14 100.00

Frequency Percent Col Pct	Monitor the production process and adjust machinery if necessary							
L46	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	4 28.57 100.00	1 7.14 100.00	3 21.43 100.00	1 7.14 50.00	3 21.43 100.00	1 7.14 100.00	0 0.00 .	13 92.86
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 7.14 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 7.14
Total	4	1	3	2	3	1	0	14

	28.57	7.14	21.43	14.29	21.43	7.14	0.00	100.00

Frequency / Percent / Col Pct	Sterilise packaging material, such as bottles and containers							
L47	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	3 23.08 100.00	1 7.69 100.00	1 7.69 33.33	1 7.69 50.00	3 23.08 100.00	1 7.69 100.00	0 0.00 .	10 76.92
Some	0 0.00 0.00	0 0.00 0.00	2 15.38 66.67	1 7.69 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	3 23.08
Total	3 23.08	1 7.69	3 23.08	2 15.38	3 23.08	1 7.69	0 0.00	13 100.00

Frequency / Percent / Col Pct	Label and pack the products							
L48	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	4 28.57 100.00	1 7.14 100.00	1 7.14 33.33	0 0.00 0.00	3 21.43 100.00	1 7.14 100.00	0 0.00 .	10 71.43
Some	0 0.00 0.00	0 0.00 0.00	2 14.29 66.67	2 14.29 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	4 28.57
Total	4 28.57	1 7.14	3 21.43	2 14.29	3 21.43	1 7.14	0 0.00	14 100.00

Frequency / Percent / Col Pct	Check and maintain the cleanliness of equipment and utensils to make sure health and safety regulations are met							
L49	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	4 28.57 100.00	1 7.14 100.00	0 0.00 0.00	1 7.14 50.00	3 21.43 100.00	1 7.14 100.00	0 0.00 .	10 71.43
Some	0 0.00 0.00	0 0.00 0.00	3 21.43 100.00	1 7.14 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	4 28.57
Total	4 28.57	1 7.14	3 21.43	2 14.29	3 21.43	1 7.14	0 0.00	14 100.00

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Inform supervisors about relevant issues, e.g. when equipment is not working properly or supplies are getting low

Frequency / Percent / Col Pct	L49B	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	4 28.57 100.00	1 7.14 100.00	2 14.29 66.67	1 7.14 50.00	1 7.14 33.33	1 7.14 100.00	0 0.00 .	10 71.43
	Some	0 0.00 0.00	0 0.00 0.00	1 7.14 33.33	1 7.14 50.00	2 14.29 66.67	0 0.00 0.00	0 0.00 .	4 28.57
	Total	4 28.57	1 7.14	3 21.43	2 14.29	3 21.43	1 7.14	0 0.00	14 100.00

Are there additional formal or legal requirements for this occupation

certification (training / course)

Frequency / Percent / Col Pct	L121_2	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	1	2 40.00 100.00	0 0.00 .	1 20.00 100.00	0 0.00 .	1 20.00 100.00	1 20.00 100.00	0 0.00 .	5 100.00
	Total	2 40.00	0 0.00	1 20.00	0 0.00	1 20.00	1 20.00	0 0.00	5 100.00

working according to a professional code or protocol

Frequency / Percent / Col Pct	L121_3	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	1	1 50.00 100.00	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	1 50.00 100.00	0 0.00 .	2 100.00
	Total	1 50.00	0 0.00	0 0.00	0 0.00	0 0.00	1 50.00	0 0.00	2 100.00

other,

Frequency / Percent / Col Pct	L121_4	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	1	1	0	0	0	0	0	0	1

	100.00 100.00	0.00 .	0.00 .	0.00 .	0.00 .	0.00 .	0.00 .	100.00
Total	1 100.00	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	1 100.00

How are the additional *certification (training/course) requirements* established/laid down?

Frequency Percent Col Pct	Table of L75 by COUNTRY							
L75	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Collective labour agreement	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 .	1 20.00 50.00	0 0.00 .	0 0.00 0.00	1 20.00
Branch or industry	0 0.00 0.00	1 20.00 100.00	0 0.00 .	0 0.00 .	1 20.00 50.00	0 0.00 .	0 0.00 0.00	2 40.00
Law or legal requirement	1 20.00 100.00	0 0.00 0.00	0 0.00 .	0 0.00 .	0 0.00 0.00	0 0.00 .	1 20.00 100.00	2 40.00
Total	1 20.00	1 20.00	0 0.00	0 0.00	2 40.00	0 0.00	1 20.00	5 100.00

How are the additional *professional code or protocol requirements* established/laid down?

Frequency Percent Col Pct	Table of L77 by COUNTRY							
L77	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Branch or industry	0 0.00 0.00	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	1 50.00 100.00	0 0.00 .	1 50.00
Other	1 50.00 100.00	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 0.00	0 0.00 .	1 50.00
Total	1 50.00	0 0.00	0 0.00	0 0.00	0 0.00	1 50.00	0 0.00	2 100.00

How are the additional *other requirements* established/laid down?

Frequency Percent Col Pct	Table of L79 by COUNTRY							
L79	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Collective labour agreement	1 100.00 100.00	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	1 100.00
Total	1 100.00	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	1 100.00

The relevance of the competencies mentioned below for this occupation

Frequency Percent Col Pct	Initiating action							
L86	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	0 0.00 0.00	0 0.00 0.00	1 7.69 33.33	0 0.00 0.00	1 7.69 33.33	1 7.69 100.00	0 0.00 .	3 23.08
Not at all	0 0.00 0.00	1 7.69 100.00	0 0.00 0.00	1 7.69 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	2 15.38
Some	4 30.77 100.00	0 0.00 0.00	2 15.38 66.67	0 0.00 0.00	2 15.38 66.67	0 0.00 0.00	0 0.00 .	8 61.54
Total	4 30.77	1 7.69	3 23.08	1 7.69	3 23.08	1 7.69	0 0.00	13 100.00

Frequency Percent Col Pct	Instructing co-workers							
L87	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	1 7.14 25.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 7.14 33.33	1 7.14 100.00	0 0.00 .	3 21.43
Not at all	0 0.00 0.00	1 7.14 100.00	0 0.00 0.00	2 14.29 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	3 21.43
Some	3 21.43	0 0.00	3 21.43	0 0.00	2 14.29	0 0.00	0 0.00	8 57.14

	75.00	0.00	100.00	0.00	66.67	0.00	.	
Total	4 28.57	1 7.14	3 21.43	2 14.29	3 21.43	1 7.14	0 0.00	14 100.00

Frequency / Percent / Col Pct

Supervising

L88	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 7.14 25.00	1 7.14 100.00	0 0.00 0.00	0 0.00 0.00	2 14.29 66.67	0 0.00 0.00	0 0.00 .	4 28.57
Not at all	2 14.29 50.00	0 0.00 0.00	0 0.00 0.00	2 14.29 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	4 28.57
Some	1 7.14 25.00	0 0.00 0.00	3 21.43 100.00	0 0.00 0.00	1 7.14 33.33	1 7.14 100.00	0 0.00 .	6 42.86
Total	4 28.57	1 7.14	3 21.43	2 14.29	3 21.43	1 7.14	0 0.00	14 100.00

Frequency / Percent / Col Pct

Co-operating with colleagues

L89	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	4 28.57 100.00	1 7.14 100.00	0 0.00 0.00	0 0.00 0.00	2 14.29 66.67	1 7.14 100.00	0 0.00 .	8 57.14
Some	0 0.00 0.00	0 0.00 0.00	3 21.43 100.00	2 14.29 100.00	1 7.14 33.33	0 0.00 0.00	0 0.00 .	6 42.86
Total	4 28.57	1 7.14	3 21.43	2 14.29	3 21.43	1 7.14	0 0.00	14 100.00

Frequency / Percent / Col Pct

Communicating

L90	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	3 21.43 75.00	1 7.14 100.00	0 0.00 0.00	0 0.00 0.00	2 14.29 66.67	1 7.14 100.00	0 0.00 .	7 50.00
Not at all	0	0	1	0	0	0	0	1

	0.00 0.00	0.00 0.00	7.14 33.33	0.00 0.00	0.00 0.00	0.00 0.00	0.00 .	7.14
Some	1 7.14 25.00	0 0.00 0.00	2 14.29 66.67	2 14.29 100.00	1 7.14 33.33	0 0.00 0.00	0 0.00 .	6 42.86
Total	4 28.57	1 7.14	3 21.43	2 14.29	3 21.43	1 7.14	0 0.00	14 100.00

Frequency Percent Col Pct	Relating and networking							
L91	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	2 14.29 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 7.14 33.33	0 0.00 0.00	0 0.00 .	3 21.43
Not at all	2 14.29 50.00	1 7.14 100.00	3 21.43 100.00	2 14.29 100.00	2 14.29 66.67	0 0.00 0.00	0 0.00 .	10 71.43
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 7.14 100.00	0 0.00 .	1 7.14
Total	4 28.57	1 7.14	3 21.43	2 14.29	3 21.43	1 7.14	0 0.00	14 100.00

Frequency Percent Col Pct	Negotiating							
L92	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 7.14 25.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 7.14 33.33	0 0.00 0.00	0 0.00 .	2 14.29
Not at all	3 21.43 75.00	1 7.14 100.00	3 21.43 100.00	2 14.29 100.00	2 14.29 66.67	0 0.00 0.00	0 0.00 .	11 78.57
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 7.14 100.00	0 0.00 .	1 7.14
Total	4 28.57	1 7.14	3 21.43	2 14.29	3 21.43	1 7.14	0 0.00	14 100.00

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Reporting

Frequency / Percent / Col Pct	L93	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	2	1	0	0	1	1	0	5
		15.38	7.69	0.00	0.00	7.69	7.69	0.00	38.46
		50.00	100.00	0.00	0.00	33.33	100.00	.	
	Not at all	0	0	1	1	0	0	0	2
		0.00	0.00	7.69	7.69	0.00	0.00	0.00	15.38
		0.00	0.00	33.33	100.00	0.00	0.00	.	
	Some	2	0	2	0	2	0	0	6
		15.38	0.00	15.38	0.00	15.38	0.00	0.00	46.15
		50.00	0.00	66.67	0.00	66.67	0.00	.	
	Total	4	1	3	1	3	1	0	13
		30.77	7.69	23.08	7.69	23.08	7.69	0.00	100.00

Applying know-how, professional expertise

Frequency / Percent / Col Pct	L94	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	3	1	1	1	3	1	0	10
		21.43	7.14	7.14	7.14	21.43	7.14	0.00	71.43
		75.00	100.00	33.33	50.00	100.00	100.00	.	
	Not at all	0	0	0	1	0	0	0	1
		0.00	0.00	0.00	7.14	0.00	0.00	0.00	7.14
		0.00	0.00	0.00	50.00	0.00	0.00	.	
	Some	1	0	2	0	0	0	0	3
		7.14	0.00	14.29	0.00	0.00	0.00	0.00	21.43
		25.00	0.00	66.67	0.00	0.00	0.00	.	
	Total	4	1	3	2	3	1	0	14
		28.57	7.14	21.43	14.29	21.43	7.14	0.00	100.00

Problem solving

Frequency / Percent / Col Pct	L95	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	1	1	1	1	2	1	0	7
		7.14	7.14	7.14	7.14	14.29	7.14	0.00	50.00
		25.00	100.00	33.33	50.00	66.67	100.00	.	
	Not at all	0	0	0	1	0	0	0	1
		0.00	0.00	0.00	7.14	0.00	0.00	0.00	7.14
		0.00	0.00	0.00	50.00	0.00	0.00	.	

Some	3	0	2	0	1	0	0	6
	21.43	0.00	14.29	0.00	7.14	0.00	0.00	42.86
	75.00	0.00	66.67	0.00	33.33	0.00	.	
Total	4	1	3	2	3	1	0	14
	28.57	7.14	21.43	14.29	21.43	7.14	0.00	100.00

Frequency / Percent / Col Pct

Developing new procedures and working methods

L96	COUNTRY							Total
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	2	0	1	0	1	0	0	4
	14.29	0.00	7.14	0.00	7.14	0.00	0.00	28.57
	50.00	0.00	33.33	0.00	33.33	0.00	.	
Not at all	2	1	1	2	2	0	0	8
	14.29	7.14	7.14	14.29	14.29	0.00	0.00	57.14
	50.00	100.00	33.33	100.00	66.67	0.00	.	
Some	0	0	1	0	0	1	0	2
	0.00	0.00	7.14	0.00	0.00	7.14	0.00	14.29
	0.00	0.00	33.33	0.00	0.00	100.00	.	
Total	4	1	3	2	3	1	0	14
	28.57	7.14	21.43	14.29	21.43	7.14	0.00	100.00

Frequency / Percent / Col Pct

Forming strategies

L97	COUNTRY							Total
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1	0	0	0	1	0	0	2
	7.14	0.00	0.00	0.00	7.14	0.00	0.00	14.29
	25.00	0.00	0.00	0.00	33.33	0.00	.	
Not at all	3	1	3	2	2	1	0	12
	21.43	7.14	21.43	14.29	14.29	7.14	0.00	85.71
	75.00	100.00	100.00	100.00	66.67	100.00	.	
Total	4	1	3	2	3	1	0	14
	28.57	7.14	21.43	14.29	21.43	7.14	0.00	100.00

Frequency / Percent / Col Pct

Planning and organising

L98	COUNTRY							Total
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1	0	0	0	3	1	0	5
	7.14	0.00	0.00	0.00	21.43	7.14	0.00	35.71

	25.00	0.00	0.00	0.00	100.00	100.00	.	
Not at all	2 14.29 50.00	1 7.14 100.00	3 21.43 100.00	1 7.14 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	7 50.00
Some	1 7.14 25.00	0 0.00 0.00	0 0.00 0.00	1 7.14 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	2 14.29
Total	4 28.57	1 7.14	3 21.43	2 14.29	3 21.43	1 7.14	0 0.00	14 100.00

Frequency
Percent
Col Pct

Following instructions and procedures

L99	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	4 30.77 100.00	1 7.69 100.00	1 7.69 33.33	1 7.69 50.00	1 7.69 33.33	0 0.00 .	0 0.00 .	8 61.54
Some	0 0.00 0.00	0 0.00 0.00	2 15.38 66.67	1 7.69 50.00	2 15.38 66.67	0 0.00 .	0 0.00 .	5 38.46
Total	4 30.77	1 7.69	3 23.08	2 15.38	3 23.08	0 0.00	0 0.00	13 100.00

Frequency
Percent
Col Pct

Dealing with contingencies

L100	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	2 15.38 50.00	1 7.69 100.00	1 7.69 33.33	0 0.00 0.00	1 7.69 33.33	1 7.69 100.00	0 0.00 .	6 46.15
Not at all	1 7.69 25.00	0 0.00 0.00	0 0.00 0.00	1 7.69 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	2 15.38
Some	1 7.69 25.00	0 0.00 0.00	2 15.38 66.67	0 0.00 0.00	2 15.38 66.67	0 0.00 0.00	0 0.00 .	5 38.46
Total	4 30.77	1 7.69	3 23.08	1 7.69	3 23.08	1 7.69	0 0.00	13 100.00

Frequency

Coping with stressful situations

Percent / Col Pct	L101	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	1 7.69 25.00	1 7.69 100.00	0 0.00 0.00	0 0.00 0.00	1 7.69 33.33	1 7.69 100.00	0 0.00 .	4 30.77
	Not at all	1 7.69 25.00	0 0.00 0.00	3 23.08 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	4 30.77
	Some	2 15.38 50.00	0 0.00 0.00	0 0.00 0.00	1 7.69 100.00	2 15.38 66.67	0 0.00 0.00	0 0.00 .	5 38.46
	Total	4 30.77	1 7.69	3 23.08	1 7.69	3 23.08	1 7.69	0 0.00	13 100.00

Frequency / Percent / Col Pct	T Commercial thinking								
	L102	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	1 7.14 25.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 7.14 33.33	0 0.00 0.00	0 0.00 .	2 14.29
	Not at all	3 21.43 75.00	1 7.14 100.00	3 21.43 100.00	2 14.29 100.00	0 0.00 0.00	1 7.14 100.00	0 0.00 .	10 71.43
	Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 14.29 66.67	0 0.00 0.00	0 0.00 .	2 14.29
	Total	4 28.57	1 7.14	3 21.43	2 14.29	3 21.43	1 7.14	0 0.00	14 100.00

Do you expect the size of this occupation (how many people are working in the occupation) to decline, increase or remain stable in the next 5 years?

Frequency / Percent / Col Pct	Table of L111 by COUNTRY								
	L111	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Decline	4 30.77 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 7.69 100.00	0 0.00 .	5 38.46
	Increase	0 0.00	0 0.00	1 7.69	0 0.00	0 0.00	0 0.00	0 0.00	1 7.69

	0.00	0.00	33.33	0.00	0.00	0.00	.	
Stable	0	1	2	1	3	0	0	7
	0.00	7.69	15.38	7.69	23.08	0.00	0.00	53.85
	0.00	100.00	66.67	100.00	100.00	0.00	.	
Total	4	1	3	1	3	1	0	13
	30.77	7.69	23.08	7.69	23.08	7.69	0.00	100.00

In general all tasks were reported to be performed daily. Only in UK experts had diverse opinion – some indicated that some tasks are performed daily, and others, that never. Competent performance of all tasks was important in all countries. Here is a short summary of the tasks characteristics in all countries:

1. Store and organise supplies. – daily in all countries (except UK – daily, weekly and never), competent performance in all country is important (except FR – some important)
2. Operate machinery to process alcoholic or non-alcoholic beverages (e.g. grind, extract, mix, blend, distil). - daily in all countries, competent performance in all country is important
3. Take measurements and conduct standardised tests on beverages, e.g. to ensure compliance with standards and regulations regarding factors such as colour, texture and nutrients. - daily in all countries (except UK – daily or never), in general competent performance in all country is important
4. Prepare basic ingredients for processing. - daily in all countries (except UK – daily or never), competent performance in all country is important (except ES – some important)
5. Make records of the production flow. - daily in all countries (except NL – weekly), competent performance in all country is important (except ES – some important)
6. Operate machinery to bottle, can or otherwise package beverages. - daily in all countries, competent performance in all country is important
7. Monitor the production process and adjust machinery if necessary. - daily in all countries, competent performance in all country is important
8. Sterilise packaging material, such as bottles and containers. - daily in all countries (except UK – daily or never), competent performance in all country is important (except ES – some important)
9. Label and pack the products. - daily in all countries, competent performance in all country is important (except FR and ES – some important)
10. Check and maintain the cleanliness of equipment and utensils to make sure health and safety regulations are met. - daily in all countries (except NL – weekly), competent performance in all country is important (except ES – some important)
11. Inform supervisors about relevant issues, e.g. when equipment is not working properly or supplies are getting low. - daily in all countries (except NL – weekly), competent performance in all country is important (except DE – some important)

Additional formal or legal requirements for this occupation were required in UK, ES, DE, NL and PL

Diversity across countries was observed as far as required competences Following competences were important in indicated countries:

Initiating action – ES, DE, NL
Instructing co-workers – DE, NL
Supervising – BE, DE
Co-operating with colleagues – UK, BE, DE, NL
Communicating – UK, BE, DE, NL
Relating and networking – not important
Negotiating - not important
Reporting – UK, BE, DE
Applying know-how, professional expertise – UK, BE, ES, FR, GE, NL
Problem solving - UK, BE, ES, FR, GE, NL
Developing new procedures and working methods - not important
Forming strategies - not important
Planning and organising – DE, NL
Following instructions and procedures – UK, BE,
Dealing with contingencies – UK, BE, ES, DE, NL
Coping with stressful situations – BE, DE, NL
Commercial thinking - DE

The expectation in UK and NL is that the size of the occupation decline, in BE, ES, FR, and DE – remain stable.

3.4 Occupation Boring machine operator

How frequently the task is performed (never or on a daily, weekly, monthly or yearly basis)?

Frequency / Percent / Col Pct		Move drilling equipment to the right location, e.g. by driving or controlling the load and upload of it.						
	L27	COUNTRY						Total
		UK	belgium	espagna	france	germany	poland	
	Daily	0 0.00 .	1 14.29 100.00	0 0.00 0.00	0 0.00 .	2 28.57 100.00	0 0.00 0.00	3 42.86
	Monthly	0 0.00 .	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	1 14.29 50.00	1 14.29
	Weekly	0	0	2	0	0	0	2

	0.00 . 0.00	0.00 0.00	28.57 100.00	0.00 .	0.00 0.00	0.00 0.00	28.57
Yearly	0 0.00 . 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	1 14.29 50.00	1 14.29
Total	0 0.00	1 14.29	2 28.57	0 0.00	2 28.57	2 28.57	7 100.00

Frequency **Percent** **Col Pct**	Set up drilling and hoisting machinery, e.g. connecting drill pipe sections, etc						
L28	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**poland**	
Daily	0 0.00 .	1 14.29 100.00	1 14.29 50.00	0 0.00 .	2 28.57 100.00	0 0.00 0.00	4 57.14
Monthly	0 0.00 .	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	1 14.29 50.00	1 14.29
Weekly	0 0.00 .	0 0.00 0.00	1 14.29 50.00	0 0.00 .	0 0.00 0.00	0 0.00 0.00	1 14.29
Yearly	0 0.00 .	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	1 14.29 50.00	1 14.29
Total	0 0.00	1 14.29	2 28.57	0 0.00	2 28.57	2 28.57	7 100.00

Frequency **Percent** **Col Pct**	Connect power cables or hoses for water and air supply.						
L29	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**poland**	
Daily	0 0.00 .	1 14.29 100.00	1 14.29 50.00	0 0.00 .	2 28.57 100.00	0 0.00 0.00	4 57.14
Weekly	0 0.00 .	0 0.00 0.00	1 14.29 50.00	0 0.00 .	0 0.00 0.00	1 14.29 50.00	2 28.57
Yearly	0 0.00 .	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	1 14.29 50.00	1 14.29
Total	0	1	2	0	2	2	7

	0.00	14.29	28.57	0.00	28.57	28.57	100.00

Frequency / Percent / Col Pct	Operate the drilling machinery, e.g. by regulating pressure of tools, controlling the speed of rotary tables and air flow, etc						
L30	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**poland**	
Daily	1 11.11 100.00	1 11.11 100.00	2 22.22 100.00	1 11.11 100.00	2 22.22 100.00	2 22.22 100.00	9 100.00
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Frequency / Percent / Col Pct	Operate slush pumps in order to ensure circulation and consistency of drilling fluid or mud in well.						
L31	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**poland**	
Daily	1 11.11 100.00	1 11.11 100.00	2 22.22 100.00	1 11.11 100.00	2 22.22 100.00	2 22.22 100.00	9 100.00
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Frequency / Percent / Col Pct	Correct problems in drilled holes caused by mechanical breakdowns or by harmful natural conditions						
L32	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**poland**	
Daily	0 0.00 .	0 0.00 .	2 28.57 100.00	1 14.29 100.00	1 14.29 50.00	2 28.57 100.00	6 85.71
Weekly	0 0.00 .	0 0.00 .	0 0.00 0.00	0 0.00 0.00	1 14.29 50.00	0 0.00 0.00	1 14.29
Total	0 0.00	0 0.00	2 28.57	1 14.29	2 28.57	2 28.57	7 100.00

Frequency / Percent	Locate and recover lost or broken bits, casings, drill pipes, etc. from wells using special tools		
L33	**COUNTRY**		**Total**

Col Pct		UK	belgium	espagna	france	germany	poland	
	Daily	0 0.00 .	0 0.00 .	1 14.29 50.00	1 14.29 100.00	0 0.00 0.00	1 14.29 50.00	3 42.86
	Weekly	0 0.00 .	0 0.00 .	1 14.29 50.00	0 0.00 0.00	2 28.57 100.00	0 0.00 0.00	3 42.86
	Yearly	0 0.00 .	0 0.00 .	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 14.29 50.00	1 14.29
	Total	0 0.00	0 0.00	2 28.57	1 14.29	2 28.57	2 28.57	7 100.00

Frequency Percent Col Pct		Maintain records, e.g. of footage drilled, materials and tools used, etc.						
	L34	COUNTRY						Total
		UK	belgium	espagna	france	germany	poland	
	Daily	1 11.11 100.00	1 11.11 100.00	0 0.00 0.00	1 11.11 100.00	2 22.22 100.00	2 22.22 100.00	7 77.78
	Weekly	0 0.00 0.00	0 0.00 0.00	2 22.22 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 22.22
	Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Frequency Percent Col Pct		Report information about the drilling process to the supervisor.						
	L35	COUNTRY						Total
		UK	belgium	espagna	france	germany	poland	
	Daily	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11 100.00	0 0.00 0.00	2 22.22 100.00	3 33.33
	Weekly	1 11.11 100.00	1 11.11 100.00	2 22.22 100.00	0 0.00 0.00	2 22.22 100.00	0 0.00 0.00	6 66.67
	Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Frequency		Supervise and train crew.

Percent / Col Pct	L36	COUNTRY						Total
		UK	belgium	espagna	france	germany	poland	
	Daily	1 11.11 100.00	1 11.11 100.00	0 0.00 0.00	1 11.11 100.00	0 0.00 0.00	2 22.22 100.00	5 55.56
	Monthly	0 0.00 0.00	0 0.00 0.00	2 22.22 100.00	0 0.00 0.00	1 11.11 50.00	0 0.00 0.00	3 33.33
	Weekly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	0 0.00 0.00	1 11.11
	Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

How important is competent performance of this task in this occupation?

Frequency / Percent / Col Pct	Move drilling equipment to the right location, e.g. by driving or controlling the load and upload of it.							
	L40	COUNTRY						Total
		UK	belgium	espagna	france	germany	poland	
	Major	0 0.00 .	0 0.00 0.00	1 12.50 50.00	0 0.00 0.00	2 25.00 100.00	1 12.50 50.00	4 50.00
	Some	0 0.00 .	1 12.50 100.00	1 12.50 50.00	1 12.50 100.00	0 0.00 0.00	1 12.50 50.00	4 50.00
	Total	0 0.00	1 12.50	2 25.00	1 12.50	2 25.00	2 25.00	8 100.00

Frequency / Percent / Col Pct	Set up drilling and hoisting machinery, e.g. connecting drill pipe sections, etc							
	L41	COUNTRY						Total
		UK	belgium	espagna	france	germany	poland	
	Major	1 11.11 100.00	1 11.11 100.00	1 11.11 50.00	1 11.11 100.00	2 22.22 100.00	2 22.22 100.00	8 88.89
	Some	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11
	Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

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Frequency / Percent / Col Pct	Connect power cables or hoses for water and air supply						
L42	COUNTRY						Total
	UK	belgium	espagna	france	germany	poland	
Major	1 11.11 100.00	1 11.11 100.00	1 11.11 50.00	1 11.11 100.00	2 22.22 100.00	1 11.11 50.00	7 77.78
Some	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	2 22.22
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Frequency / Percent / Col Pct	. Operate the drilling machinery, e.g. by regulating pressure of tools, controlling the speed of rotary tables and air flow, etc						
L43	COUNTRY						Total
	UK	belgium	espagna	france	germany	poland	
Major	1 11.11 100.00	1 11.11 100.00	2 22.22 100.00	1 11.11 100.00	2 22.22 100.00	2 22.22 100.00	9 100.00
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Frequency / Percent / Col Pct	Operate slush pumps in order to ensure circulation and consistency of drilling fluid or mud in well.						
L44	COUNTRY						Total
	UK	belgium	espagna	france	germany	poland	
Major	1 12.50 100.00	1 12.50 100.00	2 25.00 100.00	1 12.50 100.00	1 12.50 100.00	2 25.00 100.00	8 100.00
Total	1 12.50	1 12.50	2 25.00	1 12.50	1 12.50	2 25.00	8 100.00

Frequency / Percent / Col Pct	Correct problems in drilled holes caused by mechanical breakdowns or by harmful natural conditions						
L45	COUNTRY						Total
	UK	belgium	espagna	france	germany	poland	
Major	1	0	2	1	2	2	8

	12.50 100.00	0.00 .	25.00 100.00	12.50 100.00	25.00 100.00	25.00 100.00	100.00
Total	1 12.50	0 0.00	2 25.00	1 12.50	2 25.00	2 25.00	8 100.00

Frequency Percent Col Pct	Locate and recover lost or broken bits, casings, drill pipes, etc. from wells using special tools						
L46	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**poland**	
Major	1 12.50 100.00	0 0.00 .	1 12.50 50.00	1 12.50 100.00	1 12.50 50.00	2 25.00 100.00	6 75.00
Some	0 0.00 0.00	0 0.00 .	1 12.50 50.00	0 0.00 0.00	1 12.50 50.00	0 0.00 0.00	2 25.00
Total	1 12.50	0 0.00	2 25.00	1 12.50	2 25.00	2 25.00	8 100.00

Frequency Percent Col Pct	Maintain records, e.g. of footage drilled, materials and tools used, etc.						
L47	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**poland**	
Major	1 11.11 100.00	1 11.11 100.00	0 0.00 0.00	1 11.11 100.00	1 11.11 50.00	2 22.22 100.00	6 66.67
Some	0 0.00 0.00	0 0.00 0.00	2 22.22 100.00	0 0.00 0.00	1 11.11 50.00	0 0.00 0.00	3 33.33
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Frequency Percent Col Pct	Report information about the drilling process to the supervisor						
L48	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**poland**	
Major	1 11.11 100.00	0 0.00 0.00	0 0.00 0.00	1 11.11 100.00	0 0.00 0.00	2 22.22 100.00	4 44.44
Not at all	0 0.00	0 0.00	0 0.00	0 0.00	1 11.11	0 0.00	1 11.11

	0.00	0.00	0.00	0.00	50.00	0.00	
Some	0 0.00 0.00	1 11.11 100.00	2 22.22 100.00	0 0.00 0.00	1 11.11 50.00	0 0.00 0.00	4 44.44
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Frequency **Percent** **Col Pct**	Supervise and train crew						
L49	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**poland**	
Major	1 11.11 100.00	0 0.00 0.00	0 0.00 0.00	1 11.11 100.00	1 11.11 50.00	2 22.22 100.00	5 55.56
Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	0 0.00 0.00	1 11.11
Some	0 0.00 0.00	1 11.11 100.00	2 22.22 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	3 33.33
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Are there additional formal or legal requirements for this occupation

Frequency **Percent** **Col Pct**	diploma (full educational programme)						
L121_1	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**poland**	
1	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	1 100.00 100.00	1 100.00
Total	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	1 100.00	1 100.00

Frequency **Percent** **Col Pct**	certification (training / course)						
L121_2	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**poland**	
1	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	2 100.00 100.00	2 100.00

Total	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	2 100.00	2 100.00

Frequency **Percent** **Col Pct**	working according to a professional code or protocol						
L121_3	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**poland**	
1	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	1 50.00 100.00	1 50.00 100.00	2 100.00
Total	0 0.00	0 0.00	0 0.00	0 0.00	1 50.00	1 50.00	2 100.00

Frequency **Percent** **Col Pct**	other						
L121_4	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**poland**	
1	1 50.00 100.00	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	1 50.00 100.00	2 100.00
Total	1 50.00	0 0.00	0 0.00	0 0.00	0 0.00	1 50.00	2 100.00

How are the additional *certification (training/course) requirements* established/laid down?

Frequency **Percent** **Col Pct**	**Table of L75 by COUNTRY**						
L75	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**poland**	
Collective labour agreement	0 0.00 .	0 0.00 .	1 100.00 100.00	0 0.00 .	0 0.00 .	0 0.00 .	1 100.00
Total	0 0.00	0 0.00	1 100.00	0 0.00	0 0.00	0 0.00	1 100.00

How are the additional *professional code or protocol requirements* established/laid down?

Frequency **Percent** **Col Pct**	**Table of L77 by COUNTRY**						
L77	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**poland**	

Law or legal requirement	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	1 100.00 100.00	0 0.00 .	1 100.00
Total	0 0.00	0 0.00	0 0.00	0 0.00	1 100.00	0 0.00	1 100.00

Relevance of the competencies mentioned below for this occupation

Frequency **Percent** **Col Pct**	Initiating action						
L86	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**poland**	
Major	1 11.11 100.00	0 0.00 0.00	1 11.11 50.00	0 0.00 0.00	1 11.11 50.00	2 22.22 100.00	5 55.56
Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	0 0.00 0.00	1 11.11
Some	0 0.00 0.00	1 11.11 100.00	1 11.11 50.00	1 11.11 100.00	0 0.00 0.00	0 0.00 0.00	3 33.33
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Frequency **Percent** **Col Pct**	Instructing co-workers						
L87	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**poland**	
Major	1 12.50 100.00	1 12.50 100.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	2 25.00 100.00	4 50.00
Some	0 0.00 0.00	0 0.00 0.00	2 25.00 100.00	0 0.00 .	2 25.00 100.00	0 0.00 0.00	4 50.00
Total	1 12.50	1 12.50	2 25.00	0 0.00	2 25.00	2 25.00	8 100.00

Frequency **Percent** **Col Pct**	Supervising						
L88	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**poland**	

Major	1 11.11 100.00	1 11.11 100.00	0 0.00 0.00	1 11.11 100.00	0 0.00 0.00	2 22.22 100.00	5 55.56
Some	0 0.00 0.00	0 0.00 0.00	2 22.22 100.00	0 0.00 0.00	2 22.22 100.00	0 0.00 0.00	4 44.44
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Frequency
Percent
Col Pct

Co-operating with colleagues

L89	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**poland**	
Major	1 12.50 100.00	1 12.50 100.00	0 0.00 0.00	0 0.00 .	1 12.50 50.00	2 25.00 100.00	5 62.50
Not at all	0 0.00 0.00	0 0.00 0.00	1 12.50 50.00	0 0.00 .	0 0.00 0.00	0 0.00 0.00	1 12.50
Some	0 0.00 0.00	0 0.00 0.00	1 12.50 50.00	0 0.00 .	1 12.50 50.00	0 0.00 0.00	2 25.00
Total	1 12.50	1 12.50	2 25.00	0 0.00	2 25.00	2 25.00	8 100.00

Frequency
Percent
Col Pct

Communicating

L90	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**poland**	
Major	1 11.11 100.00	0 0.00 0.00	0 0.00 0.00	1 11.11 100.00	1 11.11 50.00	2 22.22 100.00	5 55.56
Not at all	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11
Some	0 0.00 0.00	1 11.11 100.00	1 11.11 50.00	0 0.00 0.00	1 11.11 50.00	0 0.00 0.00	3 33.33
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

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Frequency / Percent / Col Pct	Relating and networking						
L91	COUNTRY						Total
	UK	belgium	espagna	france	germany	poland	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	2 25.00 100.00	2 25.00
Not at all	0 0.00 0.00	1 12.50 100.00	2 25.00 100.00	0 0.00 .	1 12.50 50.00	0 0.00 0.00	4 50.00
Some	1 12.50 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 12.50 50.00	0 0.00 0.00	2 25.00
Total	1 12.50	1 12.50	2 25.00	0 0.00	2 25.00	2 25.00	8 100.00

Frequency / Percent / Col Pct	Negotiating						
L92	COUNTRY						Total
	UK	belgium	espagna	france	germany	poland	
Not at all	0 0.00 0.00	1 11.11 100.00	2 22.22 100.00	1 11.11 100.00	2 22.22 100.00	1 11.11 50.00	7 77.78
Some	1 11.11 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	2 22.22
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Frequency / Percent / Col Pct	Reporting						
L93	COUNTRY						Total
	UK	belgium	espagna	france	germany	poland	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 22.22 100.00	2 22.22
Not at all	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	0 0.00 0.00	1 11.11 50.00	0 0.00 0.00	2 22.22
Some	1 11.11	1 11.11	1 11.11	1 11.11	1 11.11	0 0.00	5 55.56

	100.00	100.00	50.00	100.00	50.00	0.00	
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Frequency Percent Col Pct	Applying know-how, professional expertise						
L94	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**poland**	
Major	1 11.11 100.00	1 11.11 100.00	1 11.11 50.00	1 11.11 100.00	2 22.22 100.00	1 11.11 50.00	7 77.78
Some	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	2 22.22
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Frequency Percent Col Pct	Problem solving						
L95	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**poland**	
Major	1 11.11 100.00	1 11.11 100.00	1 11.11 50.00	1 11.11 100.00	1 11.11 50.00	2 22.22 100.00	7 77.78
Some	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	0 0.00 0.00	1 11.11 50.00	0 0.00 0.00	2 22.22
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Frequency Percent Col Pct	Developing new procedures and working methods						
L96	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	1 11.11
Not at all	0 0.00 0.00	1 11.11 100.00	2 22.22 100.00	0 0.00 0.00	1 11.11 50.00	0 0.00 0.00	4 44.44
Some	1	0	0	1	1	1	4

	11.11 100.00	0.00 0.00	0.00 0.00	11.11 100.00	11.11 50.00	11.11 50.00	44.44
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Frequency **Percent** **Col Pct**	Forming strategies						
L97	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	1 11.11
Not at all	0 0.00 0.00	0 0.00 0.00	2 22.22 100.00	1 11.11 100.00	1 11.11 50.00	0 0.00 0.00	4 44.44
Some	1 11.11 100.00	1 11.11 100.00	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	1 11.11 50.00	4 44.44
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Frequency **Percent** **Col Pct**	Planning and organising						
L98	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**poland**	
Major	1 11.11 100.00	0 0.00 0.00	0 0.00 0.00	1 11.11 100.00	1 11.11 50.00	2 22.22 100.00	5 55.56
Not at all	0 0.00 0.00	1 11.11 100.00	2 22.22 100.00	0 0.00 0.00	1 11.11 50.00	0 0.00 0.00	4 44.44
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Frequency **Percent** **Col Pct**	Following instructions and procedures						
L99	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**poland**	
Major	1 11.11	1 11.11	1 11.11	1 11.11	0 0.00	2 22.22	6 66.67

	100.00	100.00	50.00	100.00	0.00	100.00	
Some	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	0 0.00 0.00	2 22.22 100.00	0 0.00 0.00	3 33.33
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Frequency **Percent** **Col Pct**	Dealing with contingencies						
L100	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**poland**	
Major	1 11.11 100.00	1 11.11 100.00	1 11.11 50.00	1 11.11 100.00	1 11.11 50.00	2 22.22 100.00	7 77.78
Some	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	0 0.00 0.00	1 11.11 50.00	0 0.00 0.00	2 22.22
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Frequency **Percent** **Col Pct**	Coping with stressful situations						
L101	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**poland**	
Major	1 12.50 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 12.50 50.00	2 25.00 100.00	4 50.00
Not at all	0 0.00 0.00	0 0.00 0.00	2 25.00 100.00	0 0.00 .	1 12.50 50.00	0 0.00 0.00	3 37.50
Some	0 0.00 0.00	1 12.50 100.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	0 0.00 0.00	1 12.50
Total	1 12.50	1 12.50	2 25.00	0 0.00	2 25.00	2 25.00	8 100.00

Frequency **Percent** **Col Pct**	Commercial thinking						
L102	**COUNTRY**						**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**poland**	
Not at all	1	0	2	1	1	0	5

	11.11 100.00	0.00 0.00	22.22 100.00	11.11 100.00	11.11 50.00	0.00 0.00	55.56
Some	0 0.00 0.00	1 11.11 100.00	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	2 22.22 100.00	4 44.44
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	2 22.22	9 100.00

Do you expect the size of this occupation (how many people are working in the occupation) to decline, increase or remain stable in the next 5 years?

Frequency **Percent** **Col Pct**		**Table of L111 by COUNTRY**						
	L111	**COUNTRY**						**Total**
		UK	**belgium**	**espagna**	**france**	**germany**	**poland**	
	Increase	0 0.00 .	0 0.00 .	0 0.00 0.00	0 0.00 .	1 16.67 50.00	2 33.33 100.00	3 50.00
	Stable	0 0.00 .	0 0.00 .	2 33.33 100.00	0 0.00 .	1 16.67 50.00	0 0.00 0.00	3 50.00
	Total	0 0.00	0 0.00	2 33.33	0 0.00	2 33.33	2 33.33	6 100.00

In general the frequency of performance the tasks was diverse across and within countries. Competent performance of most tasks was important in most countries. Here is a short summary of the tasks characteristics in all countries:

1. Move drilling equipment to the right location, e.g. by driving or controlling the load and upload of it. – daily in BE and DE, weekly – ES, yearly – PL, competent performance is important in ES, DE, PL
2. Set up drilling and hoisting machinery, e.g. connecting drill pipe sections, etc. – daily (except PL – yearly), competent performance is important in all countries
3. Connect power cables or hoses for water and air supply. – daily (BE, ES, DE), weekly or yearly – PL, competent performance is important in all countries
4. Operate the drilling machinery, e.g. by regulating pressure of tools, controlling the speed of rotary tables and air flow, etc. – daily in all countries, competent performance is important in all countries
5. Operate slush pumps in order to ensure circulation and consistency of drilling fluid or mud in

well. - daily in all countries, competent performance is important in all countries
6. Correct problems in drilled holes caused by mechanical breakdowns or by harmful natural conditions. - daily in all countries, competent performance is important in all countries
7. Locate and recover lost or broken bits, casings, drill pipes, etc. from wells using special tools. – daily – ES, FR, weekly – DE, daily or weekly – PL, competent performance is important in all countries
8. Maintain records, e.g. of footage drilled, materials and tools used, etc. - daily in all countries (except ES – weekly), competent performance is important in all countries (ES – some)
9. Report information about the drilling process to the supervisor. – weekly in most countries (FR – daily) - competent performance is important in UK, FR,
10. Supervise and train crew. - daily in most countries (ES, DE – monthly), competent performance is important in UK, FR, PL

Additional formal or legal requirements for this occupation were required in PL, DE and UK

Only few competences were important in all countries. Only Poland was the country where almost all competences were indicated as important. In analyzed countries following competences were important:

Initiating action – UK, ES, PL
Instructing co-workers – UK, BE, PL
Supervising – UK, BE, PL
Co-operating with colleagues – UK, BE, DE, PL
Communicating – UK, FR, DE, PL
Relating and networking – PL
Negotiating - not important
Reporting – UK, BE, DE
Applying know-how, professional expertise – UK, BE, ES, FR, DE, PL
Problem solving - UK, BE, ES, FR, DE, PL
Developing new procedures and working methods - PL
Forming strategies - PL
Planning and organising – UK, FR, PL
Following instructions and procedures – UK, BE, ES, FR, DE, PL
Dealing with contingencies – UK, BE, ES, FR, DE, PL
Coping with stressful situations – UK, PL
Commercial thinking – UK, ES, FR, DE, PL

The expectation in DE and PL is that the size of the occupation increase, in ES and DE – remain stable.

3.5. Occupation CNC operator

How frequently the task is performed (never or on a daily, weekly, monthly or yearly basis)?

Determine specifications (material, machine operation, etc.), tool and equipment requirements and procedure sequences from blueprints, instructions and machine knowledge

Frequency / Percent / Col Pct	L27	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Daily	1	2	2	1	1	5	2	14
		6.25	12.50	12.50	6.25	6.25	31.25	12.50	87.50
		100.00	100.00	100.00	50.00	50.00	100.00	100.00	
	Never	0	0	0	1	1	0	0	2
		0.00	0.00	0.00	6.25	6.25	0.00	0.00	12.50
		0.00	0.00	0.00	50.00	50.00	0.00	0.00	
	Total	1	2	2	2	2	5	2	16
		6.25	12.50	12.50	12.50	12.50	31.25	12.50	100.00

Select tools and materials necessary for the job

Frequency / Percent / Col Pct	L28	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Daily	1	2	2	1	1	4	2	13
		6.67	13.33	13.33	6.67	6.67	26.67	13.33	86.67
		100.00	100.00	100.00	100.00	50.00	80.00	100.00	
	Never	0	0	0	0	1	0	0	1
		0.00	0.00	0.00	0.00	6.67	0.00	0.00	6.67
		0.00	0.00	0.00	0.00	50.00	0.00	0.00	
	Weekly	0	0	0	0	0	1	0	1
		0.00	0.00	0.00	0.00	0.00	6.67	0.00	6.67
		0.00	0.00	0.00	0.00	0.00	20.00	0.00	
	Total	1	2	2	1	2	5	2	15
		6.67	13.33	13.33	6.67	13.33	33.33	13.33	100.00

Set up machine controls by turning the planned machining operations into a set of instructions

Frequency / Percent / Col Pct	L29	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Daily	1	2	2	2	1	4	2	14
		6.25	12.50	12.50	12.50	6.25	25.00	12.50	87.50
		100.00	100.00	100.00	100.00	50.00	80.00	100.00	
	Monthly	0	0	0	0	0	1	0	1

	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	6.25 20.00	0.00 0.00	6.25
Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 6.25 50.00	0 0.00 0.00	0 0.00 0.00	1 6.25
Total	1 6.25	2 12.50	2 12.50	2 12.50	2 12.50	5 31.25	2 12.50	16 100.00

Frequency **Percent** **Col Pct**	Test the machine operation by a trial run or using computer simulations.							
L30	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	1 6.25 100.00	0 0.00 0.00	2 12.50 100.00	1 6.25 50.00	2 12.50 100.00	5 31.25 100.00	2 12.50 100.00	13 81.25
Weekly	0 0.00 0.00	2 12.50 100.00	0 0.00 0.00	1 6.25 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	3 18.75
Total	1 6.25	2 12.50	2 12.50	2 12.50	2 12.50	5 31.25	2 12.50	16 100.00

Frequency **Percent** **Col Pct**	Operate CNC-machines for manufacturing							
L31	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	1 6.25 100.00	2 12.50 100.00	2 12.50 100.00	2 12.50 100.00	2 12.50 100.00	5 31.25 100.00	2 12.50 100.00	16 100.00
Total	1 6.25	2 12.50	2 12.50	2 12.50	2 12.50	5 31.25	2 12.50	16 100.00

Frequency **Percent** **Col Pct**	Control machines during operation, e.g. by listening and observing, in order to detect problems or irregularities							
L32	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	1 6.25 100.00	2 12.50 100.00	2 12.50 100.00	2 12.50 100.00	1 6.25 50.00	5 31.25 100.00	2 12.50 100.00	15 93.75
Never	0 0.00	0 0.00	0 0.00	0 0.00	1 6.25	0 0.00	0 0.00	1 6.25

	0.00	0.00	0.00	0.00	50.00	0.00	0.00	
Total	1 6.25	2 12.50	2 12.50	2 12.50	2 12.50	5 31.25	2 12.50	16 100.00

Frequency **Percent** **Col Pct**	Confer with supervisor or programmer to resolve machine malfunctions and production problems							
L33	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	0 0.00 0.00	1 7.14 50.00	2 14.29 100.00	1 7.14 100.00	1 7.14 50.00	2 14.29 50.00	2 14.29 100.00	9 64.29
Monthly	0 0.00 0.00	1 7.14 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 7.14
Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 7.14 50.00	0 0.00 0.00	0 0.00 0.00	1 7.14
Weekly	1 7.14 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 14.29 50.00	0 0.00 0.00	3 21.43
Total	1 7.14	2 14.29	2 14.29	1 7.14	2 14.29	4 28.57	2 14.29	14 100.00

Frequency **Percent** **Col Pct**	Adjust machines in case of malfunctioning, problems or irregularities							
L34	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	1 7.69 100.00	1 7.69 50.00	2 15.38 100.00	1 7.69 50.00	0 0.00 .	4 30.77 100.00	2 15.38 100.00	11 84.62
Weekly	0 0.00 0.00	1 7.69 50.00	0 0.00 0.00	1 7.69 50.00	0 0.00 .	0 0.00 0.00	0 0.00 0.00	2 15.38
Total	1 7.69	2 15.38	2 15.38	2 15.38	0 0.00	4 30.77	2 15.38	13 100.00

Frequency **Percent** **Col Pct**	Mount, install, align and secure tools, attachments, fixtures and workpieces on machines, e.g. using hand tools and precision measuring instruments.							
L35	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	

Daily	1 6.67 100.00	1 6.67 50.00	2 13.33 100.00	2 13.33 100.00	2 13.33 100.00	3 20.00 75.00	2 13.33 100.00	13 86.67
Monthly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 6.67 25.00	0 0.00 0.00	1 6.67
Weekly	0 0.00 0.00	1 6.67 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 6.67
Total	1 6.67	2 13.33	2 13.33	2 13.33	2 13.33	4 26.67	2 13.33	15 100.00

Frequency
Percent
Col Pct

Maintain machines and remove and replace broken or worn machine parts using hand tools

L36	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	0 0.00 0.00	1 7.69 50.00	1 7.69 50.00	0 0.00 .	1 7.69 50.00	1 7.69 25.00	2 15.38 100.00	6 46.15
Monthly	0 0.00 0.00	1 7.69 50.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 7.69
Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 7.69 50.00	0 0.00 0.00	0 0.00 0.00	1 7.69
Weekly	1 7.69 100.00	0 0.00 0.00	1 7.69 50.00	0 0.00 .	0 0.00 0.00	3 23.08 75.00	0 0.00 0.00	5 38.46
Total	1 7.69	2 15.38	2 15.38	0 0.00	2 15.38	4 30.77	2 15.38	13 100.00

How important is competent performance of this task in this occupation?

Frequency
Percent
Col Pct

Determine specifications

L40	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 7.69 100.00	2 15.38 100.00	2 15.38 100.00	1 7.69 100.00	1 7.69 100.00	4 30.77 100.00	2 15.38 100.00	13 100.00
Total	1 7.69	2 15.38	2 15.38	1 7.69	1 7.69	4 30.77	2 15.38	13 100.00

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Frequency / Percent / Col Pct	Select tools and materials necessary for the job							
L41	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	1 7.14 100.00	2 14.29 100.00	1 7.14 50.00	2 14.29 100.00	1 7.14 100.00	4 28.57 100.00	2 14.29 100.00	13 92.86
Some	0 0.00 0.00	0 0.00 0.00	1 7.14 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 7.14
Total	1 7.14	2 14.29	2 14.29	2 14.29	1 7.14	4 28.57	2 14.29	14 100.00

Frequency / Percent / Col Pct	Set up machine controls by turning the planned machining operations into a set of instructions							
L42	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	1 7.14 100.00	2 14.29 100.00	2 14.29 100.00	2 14.29 100.00	1 7.14 100.00	3 21.43 75.00	2 14.29 100.00	13 92.86
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 7.14 25.00	0 0.00 0.00	1 7.14
Total	1 7.14	2 14.29	2 14.29	2 14.29	1 7.14	4 28.57	2 14.29	14 100.00

Frequency / Percent / Col Pct	Test the machine operation by a trial run or using computer simulations							
L43	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	1 6.67 100.00	2 13.33 100.00	1 6.67 50.00	2 13.33 100.00	2 13.33 100.00	4 26.67 100.00	2 13.33 100.00	14 93.33
Some	0 0.00 0.00	0 0.00 0.00	1 6.67 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 6.67
Total	1 6.67	2 13.33	2 13.33	2 13.33	2 13.33	4 26.67	2 13.33	15 100.00

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Operate CNC-machines for manufacturing

Frequency / Percent / Col Pct	L44	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	1 6.67 100.00	2 13.33 100.00	2 13.33 100.00	1 6.67 50.00	1 6.67 50.00	4 26.67 100.00	2 13.33 100.00	13 86.67
	Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 6.67 50.00	1 6.67 50.00	0 0.00 0.00	0 0.00 0.00	2 13.33
	Total	1 6.67	2 13.33	2 13.33	2 13.33	2 13.33	4 26.67	2 13.33	15 100.00

Control machines during operation, e.g. by listening and observing, in order to detect problems or irregularities

Frequency / Percent / Col Pct	L45	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	1 7.14 100.00	2 14.29 100.00	2 14.29 100.00	2 14.29 100.00	1 7.14 100.00	2 14.29 50.00	2 14.29 100.00	12 85.71
	Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 14.29 50.00	0 0.00 0.00	2 14.29
	Total	1 7.14	2 14.29	2 14.29	2 14.29	1 7.14	4 28.57	2 14.29	14 100.00

Confer with supervisor or programmer to resolve machine malfunctions and production problems

Frequency / Percent / Col Pct	L46	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	0 0.00 0.00	1 7.14 50.00	1 7.14 50.00	2 14.29 100.00	0 0.00 0.00	2 14.29 50.00	2 14.29 100.00	8 57.14
	Some	1 7.14 100.00	1 7.14 50.00	1 7.14 50.00	0 0.00 0.00	1 7.14 100.00	2 14.29 50.00	0 0.00 0.00	6 42.86
	Total	1 7.14	2 14.29	2 14.29	2 14.29	1 7.14	4 28.57	2 14.29	14 100.00

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Frequency / Percent / Col Pct		Adjust machines in case of malfunctioning, problems or irregularities							
L47		COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
Major	1	2	2	2	0	2	2	11
	9.09	18.18	18.18	18.18	0.00	18.18	18.18	100.00
	100.00	100.00	100.00	100.00	.	100.00	100.00	
Total	1	2	2	2	0	2	2	11
	9.09	18.18	18.18	18.18	0.00	18.18	18.18	100.00

Frequency / Percent / Col Pct		Mount, install, align and secure tools, attachments, fixtures and workpieces on machines, e.g. using hand tools and precision measuring instruments							
L48		COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
Major	1	2	2	1	2	4	2	14
	6.67	13.33	13.33	6.67	13.33	26.67	13.33	93.33
	100.00	100.00	100.00	50.00	100.00	100.00	100.00	
Some	0	0	0	1	0	0	0	1
	0.00	0.00	0.00	6.67	0.00	0.00	0.00	6.67
	0.00	0.00	0.00	50.00	0.00	0.00	0.00	
Total	1	2	2	2	2	4	2	15
	6.67	13.33	13.33	13.33	13.33	26.67	13.33	100.00

Frequency / Percent / Col Pct		Maintain machines and remove and replace broken or worn machine parts using hand tools							
L49		COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
Major	1	1	2	0	0	3	2	9
	7.69	7.69	15.38	0.00	0.00	23.08	15.38	69.23
	100.00	50.00	100.00	0.00	0.00	75.00	100.00	
Some	0	1	0	1	1	1	0	4
	0.00	7.69	0.00	7.69	7.69	7.69	0.00	30.77
	0.00	50.00	0.00	100.00	100.00	25.00	0.00	
Total	1	2	2	1	1	4	2	13
	7.69	15.38	15.38	7.69	7.69	30.77	15.38	100.00

Are there additional formal or legal requirements for this occupation

Frequency / Percent / Col Pct		diploma (full educational programme)							
L121_1		COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	

1	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	1 100.00 100.00	0 0.00 .	1 100.00
Total	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	1 100.00	0 0.00	1 100.00

Frequency
Percent
Col Pct

certification (training / course)

L121_2	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
1	0 0.00 .	1 33.33 100.00	0 0.00 .	0 0.00 .	0 0.00 .	1 33.33 100.00	1 33.33 100.00	3 100.00
Total	0 0.00	1 33.33	0 0.00	0 0.00	0 0.00	1 33.33	1 33.33	3 100.00

Frequency
Percent
Col Pct

working according to a professional code or protocol

L121_3	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
1	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	2 100.00 100.00	2 100.00
Total	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	2 100.00	2 100.00

Frequency
Percent
Col Pct

other

L121_4	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
1	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	1 50.00 100.00	1 50.00 100.00	0 0.00 .	2 100.00
Total	0 0.00	0 0.00	0 0.00	0 0.00	1 50.00	1 50.00	0 0.00	2 100.00

How are the additional *diploma requirements* established/laid down?

Frequency
Percent

Table of L73 by COUNTRY

L73	COUNTRY	Total

Col Pct		UK	belgium	espagna	france	germany	netherl	poland	
	Branch or industry	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	1 100.00 100.00	0 0.00 .	1 100.00
	Total	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	1 100.00	0 0.00	1 100.00

How are the additional *certification (training/course) requirements* established/laid down?

Frequency Percent Col Pct		Table of L75 by COUNTRY							
	L75	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Law or legal requirement	0 0.00 .	1 50.00 100.00	0 0.00 .	0 0.00 .	0 0.00 .	1 50.00 100.00	0 0.00 .	2 100.00
	Total	0 0.00	1 50.00	0 0.00	0 0.00	0 0.00	1 50.00	0 0.00	2 100.00

How are the additional *other requirements* established/laid down?

Frequency Percent Col Pct		Table of L79 by COUNTRY							
	L79	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Branch or industry	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	1 50.00 100.00	1 50.00 100.00	0 0.00 .	2 100.00
	Total	0 0.00	0 0.00	0 0.00	0 0.00	1 50.00	1 50.00	0 0.00	2 100.00

Relevance of the competencies mentioned below for this occupation

Frequency Percent Col Pct		Initiating action							
	L86	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	0 0.00 0.00	0 0.00 0.00	1 5.88 50.00	0 0.00 0.00	2 11.76 100.00	4 23.53 66.67	1 5.88 50.00	8 47.06
	Not at all	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	1 5.88	0 0.00	1 5.88

	0.00	0.00	0.00	0.00	0.00	16.67	0.00	
Some	1 5.88 100.00	2 11.76 100.00	1 5.88 50.00	2 11.76 100.00	0 0.00 0.00	1 5.88 16.67	1 5.88 50.00	8 47.06
Total	1 5.88	2 11.76	2 11.76	2 11.76	2 11.76	6 35.29	2 11.76	17 100.00

Frequency / Percent / Col Pct

Instructing co-workers

L87	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	1 5.88 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 11.76 100.00	0 0.00 0.00	0 0.00 0.00	3 17.65
Not at all	0 0.00 0.00	1 5.88 50.00	0 0.00 0.00	1 5.88 50.00	0 0.00 0.00	3 17.65 50.00	0 0.00 0.00	5 29.41
Some	0 0.00 0.00	1 5.88 50.00	2 11.76 100.00	1 5.88 50.00	0 0.00 0.00	3 17.65 50.00	2 11.76 100.00	9 52.94
Total	1 5.88	2 11.76	2 11.76	2 11.76	2 11.76	6 35.29	2 11.76	17 100.00

Frequency / Percent / Col Pct

Supervising

L88	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	0 0.00 0.00	1 5.88 50.00	0 0.00 0.00	0 0.00 0.00	1 5.88 50.00	0 0.00 0.00	2 11.76 100.00	4 23.53
Not at all	1 5.88 100.00	0 0.00 0.00	0 0.00 0.00	1 5.88 50.00	0 0.00 0.00	6 35.29 100.00	0 0.00 0.00	8 47.06
Some	0 0.00 0.00	1 5.88 50.00	2 11.76 100.00	1 5.88 50.00	1 5.88 50.00	0 0.00 0.00	0 0.00 0.00	5 29.41
Total	1 5.88	2 11.76	2 11.76	2 11.76	2 11.76	6 35.29	2 11.76	17 100.00

Frequency

Co-operating with colleagues

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Percent / Col Pct	L89	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	0	0	0	0	2	1	0	3
		0.00	0.00	0.00	0.00	11.76	5.88	0.00	17.65
		0.00	0.00	0.00	0.00	100.00	16.67	0.00	
	Not at all	0	0	0	0	0	1	1	2
		0.00	0.00	0.00	0.00	0.00	5.88	5.88	11.76
		0.00	0.00	0.00	0.00	0.00	16.67	50.00	
	Some	1	2	2	2	0	4	1	12
		5.88	11.76	11.76	11.76	0.00	23.53	5.88	70.59
		100.00	100.00	100.00	100.00	0.00	66.67	50.00	
	Total	1	2	2	2	2	6	2	17
		5.88	11.76	11.76	11.76	11.76	35.29	11.76	100.00

Communicating

Frequency / Percent / Col Pct	L90	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	1	1	0	0	2	2	2	8
		5.88	5.88	0.00	0.00	11.76	11.76	11.76	47.06
		100.00	50.00	0.00	0.00	100.00	33.33	100.00	
	Not at all	0	0	0	1	0	1	0	2
		0.00	0.00	0.00	5.88	0.00	5.88	0.00	11.76
		0.00	0.00	0.00	50.00	0.00	16.67	0.00	
	Some	0	1	2	1	0	3	0	7
		0.00	5.88	11.76	5.88	0.00	17.65	0.00	41.18
		0.00	50.00	100.00	50.00	0.00	50.00	0.00	
	Total	1	2	2	2	2	6	2	17
		5.88	11.76	11.76	11.76	11.76	35.29	11.76	100.00

Relating and networking

Frequency / Percent / Col Pct	L91	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	0	0	0	0	1	0	2	3
		0.00	0.00	0.00	0.00	5.88	0.00	11.76	17.65
		0.00	0.00	0.00	0.00	50.00	0.00	100.00	
	Not at all	1	2	2	2	0	6	0	13
		5.88	11.76	11.76	11.76	0.00	35.29	0.00	76.47
		100.00	100.00	100.00	100.00	0.00	100.00	0.00	
	Some	0	0	0	0	1	0	0	1

	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	5.88 50.00	0.00 0.00	0.00 0.00	5.88
Total	1 5.88	2 11.76	2 11.76	2 11.76	2 11.76	6 35.29	2 11.76	17 100.00

Frequency Percent Col Pct	Negotiating							
L92	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Not at all	1 5.88 100.00	2 11.76 100.00	2 11.76 100.00	2 11.76 100.00	1 5.88 50.00	6 35.29 100.00	1 5.88 50.00	15 88.24
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 5.88 50.00	0 0.00 0.00	1 5.88 50.00	2 11.76
Total	1 5.88	2 11.76	2 11.76	2 11.76	2 11.76	6 35.29	2 11.76	17 100.00

Frequency Percent Col Pct	Reporting							
L93	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	2 11.76 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 5.88 16.67	0 0.00 0.00	3 17.65
Not at all	0 0.00 0.00	0 0.00 0.00	2 11.76 100.00	1 5.88 50.00	0 0.00 0.00	1 5.88 16.67	2 11.76 100.00	6 35.29
Some	1 5.88 100.00	0 0.00 0.00	0 0.00 0.00	1 5.88 50.00	2 11.76 100.00	4 23.53 66.67	0 0.00 0.00	8 47.06
Total	1 5.88	2 11.76	2 11.76	2 11.76	2 11.76	6 35.29	2 11.76	17 100.00

Frequency Percent Col Pct	Applying know-how, professional expertise							
L94	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 6.25 100.00	2 12.50 100.00	1 6.25 50.00	1 6.25 50.00	2 12.50 100.00	5 31.25 100.00	2 12.50 100.00	14 87.50

Some	0 0.00 0.00	0 0.00 0.00	1 6.25 50.00	1 6.25 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 12.50
Total	1 6.25	2 12.50	2 12.50	2 12.50	2 12.50	5 31.25	2 12.50	16 100.00

Frequency
Percent
Col Pct

Problem solving

L95	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 5.88 100.00	2 11.76 100.00	1 5.88 50.00	1 5.88 50.00	2 11.76 100.00	5 29.41 83.33	2 11.76 100.00	14 82.35
Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 5.88 16.67	0 0.00 0.00	1 5.88
Some	0 0.00 0.00	0 0.00 0.00	1 5.88 50.00	1 5.88 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 11.76
Total	1 5.88	2 11.76	2 11.76	2 11.76	2 11.76	6 35.29	2 11.76	17 100.00

Frequency
Percent
Col Pct

Developing new procedures and working methods

L96	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 11.76 100.00	2 11.76 33.33	0 0.00 0.00	4 23.53
Not at all	0 0.00 0.00	0 0.00 0.00	1 5.88 50.00	1 5.88 50.00	0 0.00 0.00	1 5.88 16.67	2 11.76 100.00	5 29.41
Some	1 5.88 100.00	2 11.76 100.00	1 5.88 50.00	1 5.88 50.00	0 0.00 0.00	3 17.65 50.00	0 0.00 0.00	8 47.06
Total	1 5.88	2 11.76	2 11.76	2 11.76	2 11.76	6 35.29	2 11.76	17 100.00

Frequency
Percent

Forming strategies

L97	**COUNTRY**	**Total**

Col Pct		UK	belgium	espagna	france	germany	netherl	poland	
	Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 6.25 50.00	0 0.00 0.00	0 0.00 0.00	1 6.25
	Not at all	1 6.25 100.00	2 12.50 100.00	2 12.50 100.00	2 12.50 100.00	1 6.25 50.00	5 31.25 100.00	2 12.50 100.00	15 93.75
	Total	1 6.25	2 12.50	2 12.50	2 12.50	2 12.50	5 31.25	2 12.50	16 100.00

Frequency Percent Col Pct		Planning and organising							
	L98	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	1 6.25 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 12.50 100.00	2 12.50 40.00	0 0.00 0.00	5 31.25
	Not at all	0 0.00 0.00	0 0.00 0.00	1 6.25 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 6.25
	Some	0 0.00 0.00	2 12.50 100.00	1 6.25 50.00	2 12.50 100.00	0 0.00 0.00	3 18.75 60.00	2 12.50 100.00	10 62.50
	Total	1 6.25	2 12.50	2 12.50	2 12.50	2 12.50	5 31.25	2 12.50	16 100.00

Frequency Percent Col Pct		Following instructions and procedures							
	L99	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	1 6.25 100.00	2 12.50 100.00	1 6.25 50.00	2 12.50 100.00	0 0.00 0.00	2 12.50 40.00	2 12.50 100.00	10 62.50
	Some	0 0.00 0.00	0 0.00 0.00	1 6.25 50.00	0 0.00 0.00	2 12.50 100.00	3 18.75 60.00	0 0.00 0.00	6 37.50
	Total	1 6.25	2 12.50	2 12.50	2 12.50	2 12.50	5 31.25	2 12.50	16 100.00

Frequency		Dealing with contingencies

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Percent / Col Pct	L100	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	0 0.00 0.00	2 11.76 100.00	1 5.88 50.00	0 0.00 0.00	2 11.76 100.00	2 11.76 33.33	1 5.88 50.00	8 47.06
	Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 5.88 16.67	0 0.00 0.00	1 5.88
	Some	1 5.88 100.00	0 0.00 0.00	1 5.88 50.00	2 11.76 100.00	0 0.00 0.00	3 17.65 50.00	1 5.88 50.00	8 47.06
	Total	1 5.88	2 11.76	2 11.76	2 11.76	2 11.76	6 35.29	2 11.76	17 100.00

Frequency / Percent / Col Pct	Coping with stressful situations								
	L101	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 11.76 100.00	1 5.88 16.67	0 0.00 0.00	3 17.65
	Not at all	0 0.00 0.00	0 0.00 0.00	2 11.76 100.00	1 5.88 50.00	0 0.00 0.00	1 5.88 16.67	0 0.00 0.00	4 23.53
	Some	1 5.88 100.00	2 11.76 100.00	0 0.00 0.00	1 5.88 50.00	0 0.00 0.00	4 23.53 66.67	2 11.76 100.00	10 58.82
	Total	1 5.88	2 11.76	2 11.76	2 11.76	2 11.76	6 35.29	2 11.76	17 100.00

Frequency / Percent / Col Pct	Commercial thinking								
	L102	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 5.88 50.00	0 0.00 0.00	1 5.88 50.00	2 11.76
	Not at all	1 5.88 100.00	2 11.76 100.00	2 11.76 100.00	2 11.76 100.00	0 0.00 0.00	5 29.41 83.33	1 5.88 50.00	13 76.47
	Some	0	0	0	0	1	1	0	2

	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	5.88 50.00	5.88 16.67	0.00 0.00	11.76
Total	1 5.88	2 11.76	2 11.76	2 11.76	2 11.76	6 35.29	2 11.76	17 100.00

Do you expect the size of this occupation (how many people are working in the occupation) to decline, increase or remain stable in the next 5 years?

Frequency Percent Col Pct	Table of L111 by COUNTRY							
L111	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Decline	1 7.14 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 7.14 20.00	0 0.00 0.00	2 14.29
Increase	0 0.00 0.00	1 7.14 100.00	2 14.29 100.00	0 0.00 0.00	0 0.00 0.00	2 14.29 40.00	2 14.29 100.00	7 50.00
Stable	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 7.14 100.00	2 14.29 100.00	2 14.29 40.00	0 0.00 0.00	5 35.71
Total	1 7.14	1 7.14	2 14.29	1 7.14	2 14.29	5 35.71	2 14.29	14 100.00

In general the tasks were performed daily in all countries (only in Germany one expert indicated, that some tasks were not performed at all. Competent performance of all tasks was important in all countries. Here is a short summary of the tasks characteristics in all countries:

1. Determine specifications (material, machine operation, etc.), tool and equipment requirements and procedure sequences from blueprints, instructions and machine knowledge. – daily in all countries (in FR and DE one expert indicated never), competent performance of this task is important in all countries
2. Select tools and materials necessary for the job. – daily in all countries (in DE one expert indicated never), competent performance of this task is important in all countries
3. Set up machine controls by turning the planned machining operations into a set of instructions. - daily in all countries (in DE one expert indicated never) - competent performance of this task is important in all countries
4. Test the machine operation by a trial run or using computer simulations. - daily in most countries (BE – weekly), competent performance of this task is important in all countries
5. Operate CNC-machines for manufacturing. - daily in all countries, competent performance of

this task is important in all countries

6. Control machines during operation, e.g. by listening and observing, in order to detect problems or irregularities. - daily in all countries (in DE one expert indicated never), competent performance of this task is important in all countries

7. Confer with supervisor or programmer to resolve machine malfunctions and production problems. - daily in all countries, competent performance of this task is important in all countries

8. Adjust machines in case of malfunctioning, problems or irregularities. - daily in all countries, competent performance of this task is important in all countries

9. Mount, install, align and secure tools, attachments, fixtures and workpieces on machines, e.g. using hand tools and precision measuring instruments. - daily in all countries, competent performance of this task is important in all countries

10. Maintain machines and remove and replace broken or worn machine parts using hand tools. - daily in most countries (in DE one expert indicated never), competent performance of this task is important in all countries

Additional formal or legal requirements for this occupation were required in NL, BE, PL, DE.

Diversity across countries was observed as far as required competences. Only four competences were important in all countries. Below important competences for each country are presented:

Initiating action – ES, DE, Nl, PL
Instructing co-workers – UK, DE
Supervising – BE, DE, PL
Co-operating with colleagues – DE
Communicating – UK, BE, DE, NL, PL
Relating and networking –DE, PL
Negotiating - not important
Reporting – BE
Applying know-how, professional expertise – UK, BE, ES, FR, DE, NL, PL
Problem solving - UK, BE, ES, FR, DE, NL, PL
Developing new procedures and working methods – DE, NL
Forming strategies - not important
Planning and organising – UK, DE, NL
Following instructions and procedures – UK, BE, ES, FR, DE, NL, PL
Dealing with contingencies – BE, ES, FR, PL, NL
Coping with stressful situations – DE
Commercial thinking – DE, PL

The expectation in UK and NL is that the size of the occupation decline, in BE, ES, NL - increase, in FR and DE – remain stable.

3.6. Occupation Confectionery maker

1. Determine confectionery types and quantities to be made, e.g. by examining production schedules.
2. Order ingredients from wholesalers.
3. Prepare ingredients (weigh, measure, mix, dissolve and boil in pans) according to recipes.
4. Check batch consistency, e.g. using a stainless steel spatula or measuring equipment such as a refractometer.
5. Shape mixture before baking.
6. Load and unload mixture into and from ovens using tins and trays.
7. Operate equipment, e.g. mixing machines, ovens and other equipment.
8. Monitor the production process (e.g. control temperature and pressure in cookers) and make adjustments if necessary.
9. Glaze or decorate with icing or cream.
10. Sort and inspect finished or partly finished products.
11. Check, clean and maintain the cleanliness of equipment and utensils to make sure health and safety regulations are met.

How frequently the task is performed (never or on a daily, weekly, monthly or yearly basis)?

Frequency / Percent / Col Pct		Determine confectionery types and quantities to be made, e.g. by examining production schedules							
	L27	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Daily	2 15.38 100.00	0 0.00 0.00	3 23.08 100.00	1 7.69 100.00	2 15.38 66.67	1 7.69 100.00	2 15.38 100.00	11 84.62
	Weekly	0 0.00 0.00	1 7.69 100.00	0 0.00 0.00	0 0.00 0.00	1 7.69 33.33	0 0.00 0.00	0 0.00 0.00	2 15.38
	Total	2 15.38	1 7.69	3 23.08	1 7.69	3 23.08	1 7.69	2 15.38	13 100.00

Frequency / Percent		Order ingredients from wholesalers		
	L28	COUNTRY		Total

Col Pct		UK	belgium	espagna	france	germany	netherl	poland	
	Daily	1 9.09 100.00	1 9.09 100.00	2 18.18 66.67	1 9.09 100.00	1 9.09 33.33	0 0.00 0.00	0 0.00 0.00	6 54.55
	Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 18.18 66.67	0 0.00 0.00	0 0.00 0.00	2 18.18
	Weekly	0 0.00 0.00	0 0.00 0.00	1 9.09 33.33	0 0.00 0.00	0 0.00 0.00	1 9.09 100.00	1 9.09 100.00	3 27.27
	Total	1 9.09	1 9.09	3 27.27	1 9.09	3 27.27	1 9.09	1 9.09	11 100.00

Prepare ingredients (weigh, measure, mix, dissolve and boil in pans) according to recipes

Frequency Percent Col Pct	L29	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Daily	2 15.38 100.00	1 7.69 100.00	3 23.08 100.00	1 7.69 100.00	3 23.08 100.00	1 7.69 100.00	2 15.38 100.00	13 100.00
	Total	2 15.38	1 7.69	3 23.08	1 7.69	3 23.08	1 7.69	2 15.38	13 100.00

Check batch consistency, e.g. using a stainless steel spatula or measuring equipment such as a refractometer

Frequency Percent Col Pct	L30	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Daily	2 15.38 100.00	1 7.69 100.00	3 23.08 100.00	1 7.69 100.00	3 23.08 100.00	0 0.00 0.00	2 15.38 100.00	12 92.31
	Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 7.69 100.00	0 0.00 0.00	1 7.69
	Total	2 15.38	1 7.69	3 23.08	1 7.69	3 23.08	1 7.69	2 15.38	13 100.00

Shape mixture before baking

Frequency Percent Col Pct	L31	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	

Daily	2 16.67 100.00	1 8.33 100.00	3 25.00 100.00	1 8.33 100.00	2 16.67 100.00	1 8.33 100.00	2 16.67 100.00	12 100.00
Total	2 16.67	1 8.33	3 25.00	1 8.33	2 16.67	1 8.33	2 16.67	12 100.00

Load and unload mixture into and from ovens using tins and trays

Frequency Percent Col Pct	L32	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Daily	2 15.38 100.00	1 7.69 100.00	3 23.08 100.00	1 7.69 100.00	2 15.38 66.67	1 7.69 100.00	2 15.38 100.00	12 92.31
	Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 7.69 33.33	0 0.00 0.00	0 0.00 0.00	1 7.69
	Total	2 15.38	1 7.69	3 23.08	1 7.69	3 23.08	1 7.69	2 15.38	13 100.00

Operate equipment, e.g. mixing machines, ovens and other equipment

Frequency Percent Col Pct	L33	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Daily	2 15.38 100.00	1 7.69 100.00	3 23.08 100.00	1 7.69 100.00	3 23.08 100.00	1 7.69 100.00	2 15.38 100.00	13 100.00
	Total	2 15.38	1 7.69	3 23.08	1 7.69	3 23.08	1 7.69	2 15.38	13 100.00

Monitor the production process (e.g. control temperature and pressure in cookers) and make adjustments if necessary

Frequency Percent Col Pct	L34	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Daily	2 15.38 100.00	1 7.69 100.00	3 23.08 100.00	1 7.69 100.00	3 23.08 100.00	1 7.69 100.00	2 15.38 100.00	13 100.00
	Total	2 15.38	1 7.69	3 23.08	1 7.69	3 23.08	1 7.69	2 15.38	13 100.00

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Frequency / Percent / Col Pct	Glaze or decorate with icing or cream							
L35	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Daily	2	1	3	1	2	1	2	12
	15.38	7.69	23.08	7.69	15.38	7.69	15.38	92.31
	100.00	100.00	100.00	100.00	66.67	100.00	100.00	
Never	0	0	0	0	1	0	0	1
	0.00	0.00	0.00	0.00	7.69	0.00	0.00	7.69
	0.00	0.00	0.00	0.00	33.33	0.00	0.00	
Total	2	1	3	1	3	1	2	13
	15.38	7.69	23.08	7.69	23.08	7.69	15.38	100.00

Frequency / Percent / Col Pct	Sort and inspect finished or partly finished products							
L36	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Daily	2	1	3	1	3	1	2	13
	15.38	7.69	23.08	7.69	23.08	7.69	15.38	100.00
	100.00	100.00	100.00	100.00	100.00	100.00	100.00	
Total	2	1	3	1	3	1	2	13
	15.38	7.69	23.08	7.69	23.08	7.69	15.38	100.00

Frequency / Percent / Col Pct	Check, clean and maintain the cleanliness of equipment and utensils to make sure health and safety regulations are met							
L36B	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Daily	2	1	3	1	3	1	1	12
	15.38	7.69	23.08	7.69	23.08	7.69	7.69	92.31
	100.00	100.00	100.00	100.00	100.00	100.00	50.00	
Weekly	0	0	0	0	0	0	1	1
	0.00	0.00	0.00	0.00	0.00	0.00	7.69	7.69
	0.00	0.00	0.00	0.00	0.00	0.00	50.00	
Total	2	1	3	1	3	1	2	13
	15.38	7.69	23.08	7.69	23.08	7.69	15.38	100.00

How important is competent performance of this task in this occupation?

Frequency / Percent	Determine confectionery types and quantities to be made, e.g. by examining production schedules		
L40	COUNTRY		Total

Col Pct		UK	belgium	espagna	france	germany	netherl	poland	
	Major	2	1	3	0	2	1	2	11
		15.38	7.69	23.08	0.00	15.38	7.69	15.38	84.62
		100.00	100.00	100.00	0.00	66.67	100.00	100.00	
	Some	0	0	0	1	1	0	0	2
		0.00	0.00	0.00	7.69	7.69	0.00	0.00	15.38
		0.00	0.00	0.00	100.00	33.33	0.00	0.00	
	Total	2	1	3	1	3	1	2	13
		15.38	7.69	23.08	7.69	23.08	7.69	15.38	100.00

Frequency
Percent
Col Pct

Order ingredients from wholesalers

L41	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	1	1	1	0	1	1	2	7
	10.00	10.00	10.00	0.00	10.00	10.00	20.00	70.00
	100.00	100.00	33.33	0.00	100.00	100.00	100.00	
Some	0	0	2	1	0	0	0	3
	0.00	0.00	20.00	10.00	0.00	0.00	0.00	30.00
	0.00	0.00	66.67	100.00	0.00	0.00	0.00	
Total	1	1	3	1	1	1	2	10
	10.00	10.00	30.00	10.00	10.00	10.00	20.00	100.00

Frequency
Percent
Col Pct

Prepare ingredients (weigh, measure, mix, dissolve and boil in pans) according to recipes

L42	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	2	1	3	0	3	1	2	12
	15.38	7.69	23.08	0.00	23.08	7.69	15.38	92.31
	100.00	100.00	100.00	0.00	100.00	100.00	100.00	
Some	0	0	0	1	0	0	0	1
	0.00	0.00	0.00	7.69	0.00	0.00	0.00	7.69
	0.00	0.00	0.00	100.00	0.00	0.00	0.00	
Total	2	1	3	1	3	1	2	13
	15.38	7.69	23.08	7.69	23.08	7.69	15.38	100.00

Frequency
Percent
Col Pct

Check batch consistency, e.g. using a stainless steel spatula or measuring equipment such as a refractometer

L43	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	

Major	2 16.67 100.00	1 8.33 100.00	1 8.33 33.33	0 0.00 0.00	2 16.67 66.67	0 0.00 .	2 16.67 100.00	8 66.67
Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33 33.33	0 0.00 .	0 0.00 0.00	1 8.33
Some	0 0.00 0.00	0 0.00 0.00	2 16.67 66.67	1 8.33 100.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	3 25.00
Total	2 16.67	1 8.33	3 25.00	1 8.33	3 25.00	0 0.00	2 16.67	12 100.00

Frequency
Percent
Col Pct

Shape mixture before baking

L44	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	2 16.67 100.00	1 8.33 100.00	3 25.00 100.00	0 0.00 0.00	2 16.67 100.00	1 8.33 100.00	2 16.67 100.00	11 91.67
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33
Total	2 16.67	1 8.33	3 25.00	1 8.33	2 16.67	1 8.33	2 16.67	12 100.00

Frequency
Percent
Col Pct

Load and unload mixture into and from ovens using tins and trays

L45	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	2 18.18 100.00	1 9.09 100.00	2 18.18 100.00	0 0.00 0.00	2 18.18 100.00	1 9.09 100.00	2 18.18 100.00	10 90.91
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09
Total	2 18.18	1 9.09	2 18.18	1 9.09	2 18.18	1 9.09	2 18.18	11 100.00

Frequency
Percent

Operate equipment, e.g. mixing machines, ovens and other equipment

L46	**COUNTRY**	**Total**

Col Pct		UK	belgium	espagna	france	germany	netherl	poland	
	Major	2 15.38 100.00	1 7.69 100.00	3 23.08 100.00	0 0.00 0.00	3 23.08 100.00	1 7.69 100.00	2 15.38 100.00	12 92.31
	Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 7.69 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 7.69
	Total	2 15.38	1 7.69	3 23.08	1 7.69	3 23.08	1 7.69	2 15.38	13 100.00

Frequency Percent Col Pct		Monitor the production process (e.g. control temperature and pressure in cookers) and make adjustments if necessary							
	L47	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	2 15.38 100.00	1 7.69 100.00	3 23.08 100.00	0 0.00 0.00	3 23.08 100.00	1 7.69 100.00	2 15.38 100.00	12 92.31
	Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 7.69 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 7.69
	Total	2 15.38	1 7.69	3 23.08	1 7.69	3 23.08	1 7.69	2 15.38	13 100.00

Frequency Percent Col Pct		Glaze or decorate with icing or cream							
	L48	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	2 16.67 100.00	1 8.33 100.00	1 8.33 33.33	0 0.00 0.00	2 16.67 100.00	1 8.33 100.00	2 16.67 100.00	9 75.00
	Some	0 0.00 0.00	0 0.00 0.00	2 16.67 66.67	1 8.33 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	3 25.00
	Total	2 16.67	1 8.33	3 25.00	1 8.33	2 16.67	1 8.33	2 16.67	12 100.00

Frequency Percent Col Pct		Sort and inspect finished or partly finished products							
	L49	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	

Major	2 15.38 100.00	1 7.69 100.00	1 7.69 33.33	0 0.00 0.00	2 15.38 66.67	1 7.69 100.00	2 15.38 100.00	9 69.23
Some	0 0.00 0.00	0 0.00 0.00	2 15.38 66.67	1 7.69 100.00	1 7.69 33.33	0 0.00 0.00	0 0.00 0.00	4 30.77
Total	2 15.38	1 7.69	3 23.08	1 7.69	3 23.08	1 7.69	2 15.38	13 100.00

Frequency
Percent
Col Pct

Check, clean and maintain the cleanliness of equipment and utensils to make sure health and safety regulations are met

L49B	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	2 15.38 100.00	1 7.69 100.00	2 15.38 66.67	0 0.00 0.00	3 23.08 100.00	1 7.69 100.00	2 15.38 100.00	11 84.62
Some	0 0.00 0.00	0 0.00 0.00	1 7.69 33.33	1 7.69 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 15.38
Total	2 15.38	1 7.69	3 23.08	1 7.69	3 23.08	1 7.69	2 15.38	13 100.00

Are there additional formal or legal requirements for this occupation

Frequency
Percent
Col Pct

diploma (full educational programme)

L121_1	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
1	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	1 100.00 100.00	1 100.00
Total	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	1 100.00	1 100.00

Frequency
Percent
Col Pct

certification (training / course)

L121_2	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
1	0 0.00 .	0 0.00 .	2 100.00 100.00	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	2 100.00

Total	0 0.00	0 0.00	2 100.00	0 0.00	0 0.00	0 0.00	0 0.00	2 100.00

Frequency **Percent** **Col Pct**	working according to a professional code or protocol							
L121_3	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
1	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	1 50.00 100.00	0 0.00 .	1 50.00 100.00	2 100.00
Total	0 0.00	0 0.00	0 0.00	0 0.00	1 50.00	0 0.00	1 50.00	2 100.00

Frequency **Percent** **Col Pct**	other,							
L121_4	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
1	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	1 100.00 100.00	0 0.00 .	0 0.00 .	1 100.00
Total	0 0.00	0 0.00	0 0.00	0 0.00	1 100.00	0 0.00	0 0.00	1 100.00

How are the additional *certification (training/course) requirements* established/laid down?

Frequency **Percent** **Col Pct**	**Table of L75 by COUNTRY**							
L75	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Branch or industry	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	1 100.00 100.00	1 100.00
Total	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	1 100.00	1 100.00

How are the additional *professional code or protocol requirements* established/laid down?

Frequency **Percent** **Col Pct**	**Table of L77 by COUNTRY**							
L77	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	

Collective labour agreement	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	1 100.00 100.00	0 0.00 .	0 0.00 .	1 100.00
Total	0 0.00	0 0.00	0 0.00	0 0.00	1 100.00	0 0.00	0 0.00	1 100.00

How are the additional *other requirements* established/laid down?

Frequency Percent Col Pct	Table of L79 by COUNTRY							
L79	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Law or legal requirement	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	1 100.00 100.00	0 0.00 .	0 0.00 .	1 100.00
Total	0 0.00	0 0.00	0 0.00	0 0.00	1 100.00	0 0.00	0 0.00	1 100.00

Relevance of the competencies mentioned below for this occupation

Frequency Percent Col Pct	Initiating action							
L86	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	1 7.14 100.00	1 7.14 33.33	0 0.00 0.00	2 14.29 66.67	0 0.00 0.00	2 14.29 100.00	6 42.86
Not at all	1 7.14 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 7.14 50.00	0 0.00 0.00	2 14.29
Some	1 7.14 50.00	0 0.00 0.00	2 14.29 66.67	1 7.14 100.00	1 7.14 33.33	1 7.14 50.00	0 0.00 0.00	6 42.86
Total	2 14.29	1 7.14	3 21.43	1 7.14	3 21.43	2 14.29	2 14.29	14 100.00

Frequency Percent Col Pct	Instructing co-workers							
L87	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0	1	0	0	2	0	1	4

	0.00 0.00	7.14 100.00	0.00 0.00	0.00 0.00	14.29 66.67	0.00 0.00	7.14 50.00	28.57
Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 7.14 50.00	0 0.00 0.00	1 7.14
Some	2 14.29 100.00	0 0.00 0.00	3 21.43 100.00	1 7.14 100.00	1 7.14 33.33	1 7.14 50.00	1 7.14 50.00	9 64.29
Total	2 14.29	1 7.14	3 21.43	1 7.14	3 21.43	2 14.29	2 14.29	14 100.00

Frequency **Percent** **Col Pct**	Supervising							
L88	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	1 7.69 100.00	0 0.00 0.00	0 0.00 0.00	2 15.38 66.67	0 0.00 0.00	1 7.69 100.00	4 30.77
Not at all	2 15.38 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 7.69 50.00	0 0.00 0.00	3 23.08
Some	0 0.00 0.00	0 0.00 0.00	3 23.08 100.00	1 7.69 100.00	1 7.69 33.33	1 7.69 50.00	0 0.00 0.00	6 46.15
Total	2 15.38	1 7.69	3 23.08	1 7.69	3 23.08	2 15.38	1 7.69	13 100.00

Frequency **Percent** **Col Pct**	Co-operating with colleagues							
L89	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 7.14 50.00	1 7.14 100.00	0 0.00 0.00	0 0.00 0.00	3 21.43 100.00	1 7.14 50.00	2 14.29 100.00	8 57.14
Not at all	0 0.00 0.00	0 0.00 0.00	1 7.14 33.33	0 0.00 0.00	0 0.00 0.00	1 7.14 50.00	0 0.00 0.00	2 14.29
Some	1 7.14 50.00	0 0.00 0.00	2 14.29 66.67	1 7.14 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	4 28.57
Total	2	1	3	1	3	2	2	14

	14.29	7.14	21.43	7.14	21.43	14.29	14.29	100.00

Frequency / Percent / Col Pct	Communicating							
L90	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	1 7.14 50.00	1 7.14 100.00	0 0.00 0.00	0 0.00 0.00	3 21.43 100.00	1 7.14 50.00	2 14.29 100.00	8 57.14
Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 7.14 50.00	0 0.00 0.00	1 7.14
Some	1 7.14 50.00	0 0.00 0.00	3 21.43 100.00	1 7.14 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	5 35.71
Total	2 14.29	1 7.14	3 21.43	1 7.14	3 21.43	2 14.29	2 14.29	14 100.00

Frequency / Percent / Col Pct	Relating and networking							
L91	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Not at all	2 16.67 100.00	0 0.00 0.00	3 25.00 100.00	0 0.00 0.00	1 8.33 33.33	2 16.67 100.00	0 0.00 .	8 66.67
Some	0 0.00 0.00	1 8.33 100.00	0 0.00 0.00	1 8.33 100.00	2 16.67 66.67	0 0.00 0.00	0 0.00 .	4 33.33
Total	2 16.67	1 8.33	3 25.00	1 8.33	3 25.00	2 16.67	0 0.00	12 100.00

Frequency / Percent / Col Pct	Negotiating							
L92	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 7.14 33.33	0 0.00 0.00	0 0.00 0.00	1 7.14
Not at all	2 14.29 100.00	1 7.14 100.00	3 21.43 100.00	0 0.00 0.00	2 14.29 66.67	1 7.14 50.00	0 0.00 0.00	9 64.29

Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 7.14 100.00	0 0.00 0.00	1 7.14 50.00	2 14.29 100.00	4 28.57
Total	2 14.29	1 7.14	3 21.43	1 7.14	3 21.43	2 14.29	2 14.29	14 100.00

Frequency
Percent
Col Pct

Reporting

L93	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 7.69 33.33	0 0.00 0.00	1 7.69 100.00	2 15.38
Not at all	1 7.69 50.00	1 7.69 100.00	1 7.69 33.33	0 0.00 0.00	0 0.00 0.00	2 15.38 100.00	0 0.00 0.00	5 38.46
Some	1 7.69 50.00	0 0.00 0.00	2 15.38 66.67	1 7.69 100.00	2 15.38 66.67	0 0.00 0.00	0 0.00 0.00	6 46.15
Total	2 15.38	1 7.69	3 23.08	1 7.69	3 23.08	2 15.38	1 7.69	13 100.00

Frequency
Percent
Col Pct

Applying know-how, professional expertise

L94	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 8.33 50.00	1 8.33 100.00	1 8.33 33.33	0 0.00 0.00	3 25.00 100.00	1 8.33 100.00	1 8.33 100.00	8 66.67
Some	1 8.33 50.00	0 0.00 0.00	2 16.67 66.67	1 8.33 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	4 33.33
Total	2 16.67	1 8.33	3 25.00	1 8.33	3 25.00	1 8.33	1 8.33	12 100.00

Frequency
Percent
Col Pct

Problem solving

L95	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00	0 0.00	1 7.14	0 0.00	2 14.29	1 7.14	2 14.29	6 42.86

	0.00	0.00	33.33	0.00	66.67	50.00	100.00	
Not at all	1 7.14 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 7.14
Some	1 7.14 50.00	1 7.14 100.00	2 14.29 66.67	1 7.14 100.00	1 7.14 33.33	1 7.14 50.00	0 0.00 0.00	7 50.00
Total	2 14.29	1 7.14	3 21.43	1 7.14	3 21.43	2 14.29	2 14.29	14 100.00

Frequency **Percent** **Col Pct**	Developing new procedures and working methods							
L96	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	1 7.14 100.00	0 0.00 0.00	0 0.00 0.00	1 7.14 33.33	0 0.00 0.00	2 14.29 100.00	4 28.57
Not at all	1 7.14 50.00	0 0.00 0.00	2 14.29 66.67	0 0.00 0.00	1 7.14 33.33	1 7.14 50.00	0 0.00 0.00	5 35.71
Some	1 7.14 50.00	0 0.00 0.00	1 7.14 33.33	1 7.14 100.00	1 7.14 33.33	1 7.14 50.00	0 0.00 0.00	5 35.71
Total	2 14.29	1 7.14	3 21.43	1 7.14	3 21.43	2 14.29	2 14.29	14 100.00

Frequency **Percent** **Col Pct**	Forming strategies							
L97	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Not at all	2 16.67 100.00	1 8.33 100.00	3 25.00 100.00	0 0.00 0.00	2 16.67 66.67	1 8.33 100.00	0 0.00 0.00	9 75.00
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33 100.00	1 8.33 33.33	0 0.00 0.00	1 8.33 100.00	3 25.00
Total	2 16.67	1 8.33	3 25.00	1 8.33	3 25.00	1 8.33	1 8.33	12 100.00

Frequency	Planning and organising

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Percent / Col Pct	L98	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	0	1	0	0	2	1	2	6
		0.00	7.69	0.00	0.00	15.38	7.69	15.38	46.15
		0.00	100.00	0.00	0.00	66.67	100.00	100.00	
	Not at all	0	0	2	0	0	0	0	2
		0.00	0.00	15.38	0.00	0.00	0.00	0.00	15.38
		0.00	0.00	66.67	0.00	0.00	0.00	0.00	
	Some	2	0	1	1	1	0	0	5
		15.38	0.00	7.69	7.69	7.69	0.00	0.00	38.46
		100.00	0.00	33.33	100.00	33.33	0.00	0.00	
	Total	2	1	3	1	3	1	2	13
		15.38	7.69	23.08	7.69	23.08	7.69	15.38	100.00

Following instructions and procedures

Frequency / Percent / Col Pct	L99	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	2	0	1	0	2	1	2	8
		14.29	0.00	7.14	0.00	14.29	7.14	14.29	57.14
		100.00	0.00	33.33	0.00	66.67	50.00	100.00	
	Some	0	1	2	1	1	1	0	6
		0.00	7.14	14.29	7.14	7.14	7.14	0.00	42.86
		0.00	100.00	66.67	100.00	33.33	50.00	0.00	
	Total	2	1	3	1	3	2	2	14
		14.29	7.14	21.43	7.14	21.43	14.29	14.29	100.00

Dealing with contingencies

Frequency / Percent / Col Pct	L100	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	0	0	0	0	1	0	2	3
		0.00	0.00	0.00	0.00	7.14	0.00	14.29	21.43
		0.00	0.00	0.00	0.00	33.33	0.00	100.00	
	Not at all	1	0	0	0	0	1	0	2
		7.14	0.00	0.00	0.00	0.00	7.14	0.00	14.29
		50.00	0.00	0.00	0.00	0.00	50.00	0.00	
	Some	1	1	3	1	2	1	0	9
		7.14	7.14	21.43	7.14	14.29	7.14	0.00	64.29
		50.00	100.00	100.00	100.00	66.67	50.00	0.00	
	Total	2	1	3	1	3	2	2	14

	14.29	7.14	21.43	7.14	21.43	14.29	14.29	100.00

Frequency / Percent / Col Pct	Coping with stressful situations							
L101	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	0 0.00 0.00	1 7.14 100.00	0 0.00 0.00	0 0.00 0.00	1 7.14 33.33	1 7.14 50.00	2 14.29 100.00	5 35.71
Not at all	0 0.00 0.00	0 0.00 0.00	3 21.43 100.00	0 0.00 0.00	0 0.00 0.00	1 7.14 50.00	0 0.00 0.00	4 28.57
Some	2 14.29 100.00	0 0.00 0.00	0 0.00 0.00	1 7.14 100.00	2 14.29 66.67	0 0.00 0.00	0 0.00 0.00	5 35.71
Total	2 14.29	1 7.14	3 21.43	1 7.14	3 21.43	2 14.29	2 14.29	14 100.00

Frequency / Percent / Col Pct	Commercial thinking							
L102	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	0 0.00 0.00	1 7.14 100.00	0 0.00 0.00	0 0.00 0.00	1 7.14 33.33	0 0.00 0.00	1 7.14 50.00	3 21.43
Not at all	1 7.14 50.00	0 0.00 0.00	2 14.29 66.67	0 0.00 0.00	0 0.00 0.00	1 7.14 50.00	0 0.00 0.00	4 28.57
Some	1 7.14 50.00	0 0.00 0.00	1 7.14 33.33	1 7.14 100.00	2 14.29 66.67	1 7.14 50.00	1 7.14 50.00	7 50.00
Total	2 14.29	1 7.14	3 21.43	1 7.14	3 21.43	2 14.29	2 14.29	14 100.00

Do you expect the size of this occupation (how many people are working in the occupation) to decline, increase or remain stable in the next 5 years?

Frequency / Percent / Col Pct	Table of L111 by COUNTRY							
L111	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	

Decline	0 0.00 0.00	0 0.00 .	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33 100.00	1 8.33 50.00	2 16.67
Increase	0 0.00 0.00	0 0.00 .	2 16.67 66.67	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 16.67
Stable	2 16.67 100.00	0 0.00 .	1 8.33 33.33	1 8.33 100.00	3 25.00 100.00	0 0.00 0.00	1 8.33 50.00	8 66.67
Total	2 16.67	0 0.00	3 25.00	1 8.33	3 25.00	1 8.33	2 16.67	12 100.00

In general the tasks were performed daily in all countries (only in Germany one expert indicated, that some tasks were not performed at all. Competent performance of all tasks was important in all countries. Here is a short summary of the tasks characteristics in all countries:

1. Determine confectionery types and quantities to be made, e.g. by examining production schedules. – daily in all countries (except BE – weekly), competent performance is important in all countries (FR – some)
2. Order ingredients from wholesalers. – most countries daily (NL – weekly, DE – never) - competent performance is important in all countries (FR – some)
3. Prepare ingredients (weigh, measure, mix, dissolve and boil in pans) according to recipes. - daily in all countries - competent performance is important in all countries (FR – some)
4. Check batch consistency, e.g. using a stainless steel spatula or measuring equipment such as a refractometer. - most countries daily (NL – never). competent performance is important in most countries (one expert in DE – not at all)
5. Shape mixture before baking. - daily in all countries, competent performance is important in all countries (FR – some)
6. Load and unload mixture into and from ovens using tins and trays. - most countries daily (DE- daily and never), competent performance is important in all countries (FR – some)
7. Operate equipment, e.g. mixing machines, ovens and other equipment. - daily in all countries, competent performance is important in all countries (FR – some)
8. Monitor the production process (e.g. control temperature and pressure in cookers) and make adjustments if necessary. - daily in all countries, competent performance is important in all countries (FR – some)
9. Glaze or decorate with icing or cream. - most countries daily (DE- daily and never), competent performance is important in all countries (ES, FR – some)
10. Sort and inspect finished or partly finished products. - daily in all countries, competent performance is important in all countries (ES, FR – some)

11. Check, clean and maintain the cleanliness of equipment and utensils to make sure health and safety regulations are met. - daily in all countries, competent performance is important in all countries (ES, FR – some)

Additional formal or legal requirements for this occupation were required in PL, ES, DE.

Diversity across countries was observed as far as required competences. Only four competences were important in all countries. Below important competences for each country are presented:

Initiating action – BE, ES, DE, PL
Instructing co-workers – BE, DE, PL
Supervising – BE, DE, PL
Co-operating with colleagues – UK, BE, DE, NL, PL
Communicating – UK, BE, DE, PL
Relating and networking – UK, ES, DE, NL,
Negotiating - not important
Reporting – DE, PL
Applying know-how, professional expertise – UK, BE, FR, DE, PL
Problem solving - DE, NL, PL
Developing new procedures and working methods – BE, PL
Forming strategies – not important
Planning and organising – BE, DE, NL, PL
Following instructions and procedures – UK, DE, NL, PL
Dealing with contingencies – PL
Coping with stressful situations – BE, DE, PL
Commercial thinking – BE, DE, PL

The expectation in PL and NL is that the size of the occupation decline ES - increase, in UK, FR, DE – remain stable.

3.7. Occupation First line supervisor assembly line workers

1. Determine production requirements (e.g. output quality and quantity, cost, time, labour requirements), e.g. by analysing charts, work orders, production schedules, etc.
2. Determine schedules, sequences and assignments for assembly line activities.
3. Confer with other supervisors to coordinate operations and activities within or between departments.
4. Give instructions to workers, e.g. about work specifications, equipment operation.
5. Monitor and control materials, products or equipment to detect defects or faults.

6. Monitor assembly line workers' performance, e.g. by monitoring gauges, dials and other indicators.

7. Control quality and quantity of production.

8. Evaluate current production estimates and outputs.

9. Participate in the work activities of assembly line workers.

10. Conduct or arrange training in job-related skills for workers.

11. Enforce safety and sanitation regulations.

12. Recommend and implement initiatives such as new techniques and products, purchases of new machinery and changes in staff levels.

How frequently the task is performed (never or on a daily, weekly, monthly or yearly basis)?

Frequency Percent Col Pct		Determine production requirements (e.g. output quality and quantity, cost, time, labour requirements), e.g. by analysing charts, work orders, production schedules, etc		
	L27	COUNTRY		Total
		espagna	poland	
	Daily	1 50.00 100.00	0 0.00 0.00	1 50.00
	Monthly	0 0.00 0.00	1 50.00 100.00	1 50.00
	Total	1 50.00	1 50.00	2 100.00

Frequency Percent Col Pct		Table of L28 by COUNTRY		
	L28	Determine schedules, sequences and assignments for assembly line activities.		Total
		espagna	poland	
	Daily	1 33.33 100.00	2 66.67 100.00	3 100.00
	Total	1 33.33	2 66.67	3 100.00

Frequency Percent Col Pct		Confer with other supervisors to coordinate operations and activities within or between departments.		
	L29	COUNTRY		Total
		espagna	poland	

Daily	0 0.00 0.00	2 66.67 100.00	2 66.67
Weekly	1 33.33 100.00	0 0.00 0.00	1 33.33
Total	1 33.33	2 66.67	3 100.00

Frequency Percent Col Pct	Give instructions to workers, e.g. about work specifications, equipment operation		
L30	**COUNTRY**		**Total**
	espagna	**poland**	
Daily	1 33.33 100.00	2 66.67 100.00	3 100.00
Total	1 33.33	2 66.67	3 100.00

Frequency Percent Col Pct	Monitor and control materials, products or equipment to detect defects or faults		
L31	**COUNTRY**		**Total**
	espagna	**poland**	
Daily	1 33.33 100.00	2 66.67 100.00	3 100.00
Total	1 33.33	2 66.67	3 100.00

Frequency Percent Col Pct	Monitor assembly line workers' performance, e.g. by monitoring gauges, dials and other indicators.		
L32	**COUNTRY**		**Total**
	espagna	**poland**	
Daily	1 33.33 100.00	2 66.67 100.00	3 100.00
Total	1 33.33	2 66.67	3 100.00

Frequency Percent Col Pct	Control quality and quantity of production		
L33	**COUNTRY**		**Total**
	espagna	**poland**	
Daily	1 33.33 100.00	2 66.67 100.00	3 100.00

Total	1 33.33	2 66.67	3 100.00

Frequency Percent Col Pct	Evaluate current production estimates and outputs		
L34	**COUNTRY**		**Total**
	espagna	**poland**	
Never	0 0.00 0.00	1 33.33 50.00	1 33.33
Weekly	1 33.33 100.00	1 33.33 50.00	2 66.67
Total	1 33.33	2 66.67	3 100.00

Frequency Percent Col Pct	Participate in the work activities of assembly line workers		
L35	**COUNTRY**		**Total**
	espagna	**poland**	
Daily	0 0.00 0.00	1 33.33 50.00	1 33.33
Monthly	0 0.00 0.00	1 33.33 50.00	1 33.33
Weekly	1 33.33 100.00	0 0.00 0.00	1 33.33
Total	1 33.33	2 66.67	3 100.00

Frequency Percent Col Pct	Conduct or arrange training in job-related skills for workers		
L36	**COUNTRY**		**Total**
	espagna	**poland**	
Monthly	0 0.00 0.00	1 33.33 50.00	1 33.33
Never	0 0.00 0.00	1 33.33 50.00	1 33.33
Yearly	1 33.33 100.00	0 0.00 0.00	1 33.33
Total	1 33.33	2 66.67	3 100.00

Frequency Percent Col Pct		Enforce safety and sanitation regulations		
	L36B	COUNTRY		Total
		espagna	poland	
	Daily	0 0.00 0.00	2 66.67 100.00	2 66.67
	Weekly	1 33.33 100.00	0 0.00 0.00	1 33.33
	Total	1 33.33	2 66.67	3 100.00

Frequency Percent Col Pct		Recommend and implement initiatives such as new techniques and products, purchases of new machinery and changes in staff levels		
	L36C	COUNTRY		Total
		espagna	poland	
	Monthly	1 33.33 100.00	1 33.33 50.00	2 66.67
	Yearly	0 0.00 0.00	1 33.33 50.00	1 33.33
	Total	1 33.33	2 66.67	3 100.00

How important is competent performance of this task in this occupation?

Frequency Percent Col Pct		. Determine production requirements (e.g. output quality and quantity, cost, time, labour requirements), e.g. by analysing charts, work orders, production schedules, etc		
	L40	COUNTRY		Total
		espagna	poland	
	Major	1 50.00 100.00	0 0.00 0.00	1 50.00
	Some	0 0.00 0.00	1 50.00 100.00	1 50.00
	Total	1 50.00	1 50.00	2 100.00

Frequency Percent		Determine schedules, sequences and assignments for assembly line activities		
	L41	COUNTRY		Total

Col Pct		espagna	poland	
	Major	1 33.33 100.00	2 66.67 100.00	3 100.00
	Total	1 33.33	2 66.67	3 100.00

Frequency Percent Col Pct	Confer with other supervisors to coordinate operations and activities within or between departments		
L42	COUNTRY		Total
	espagna	poland	
Major	0 0.00 0.00	1 33.33 50.00	1 33.33
Some	1 33.33 100.00	1 33.33 50.00	2 66.67
Total	1 33.33	2 66.67	3 100.00

Frequency Percent Col Pct	Give instructions to workers, e.g. about work specifications, equipment operation		
L43	COUNTRY		Total
	espagna	poland	
Major	1 33.33 100.00	2 66.67 100.00	3 100.00
Total	1 33.33	2 66.67	3 100.00

Frequency Percent Col Pct	Monitor and control materials, products or equipment to detect defects or faults		
L44	COUNTRY		Total
	espagna	poland	
Major	1 33.33 100.00	2 66.67 100.00	3 100.00
Total	1 33.33	2 66.67	3 100.00

Frequency Percent Col Pct	Monitor assembly line workers' performance, e.g. by monitoring gauges, dials and other indicators		
L45	COUNTRY		Total
	espagna	poland	
Major	1	2	3

	33.33 100.00	66.67 100.00	100.00
Total	1 33.33	2 66.67	3 100.00

Frequency Percent Col Pct	Control quality and quantity of production		
L46	**COUNTRY**		**Total**
	espagna	**poland**	
Major	1 33.33 100.00	2 66.67 100.00	3 100.00
Total	1 33.33	2 66.67	3 100.00

Frequency Percent Col Pct	Evaluate current production estimates and outputs		
L47	**COUNTRY**		**Total**
	espagna	**poland**	
Some	1 50.00 100.00	1 50.00 100.00	2 100.00
Total	1 50.00	1 50.00	2 100.00

Frequency Percent Col Pct	Participate in the work activities of assembly line workers		
L48	**COUNTRY**		**Total**
	espagna	**poland**	
Major	0 0.00 0.00	1 33.33 50.00	1 33.33
Some	1 33.33 100.00	1 33.33 50.00	2 66.67
Total	1 33.33	2 66.67	3 100.00

Frequency Percent Col Pct	Conduct or arrange training in job-related skills for workers		
L49	**COUNTRY**		**Total**
	espagna	**poland**	
Major	0 0.00 0.00	1 50.00 100.00	1 50.00
Some	1 50.00	0 0.00	1 50.00

	100.00	0.00	
Total	1 50.00	1 50.00	2 100.00

Frequency Percent Col Pct	Enforce safety and sanitation regulations		
L49B	**COUNTRY**		**Total**
	espagna	**poland**	
Major	1 33.33 100.00	2 66.67 100.00	3 100.00
Total	1 33.33	2 66.67	3 100.00

Frequency Percent Col Pct	Recommend and implement initiatives such as new techniques and products, purchases of new machinery and changes in staff levels		
L49C	**COUNTRY**		**Total**
	espagna	**poland**	
Major	1 33.33 100.00	1 33.33 50.00	2 66.67
Some	0 0.00 0.00	1 33.33 50.00	1 33.33
Total	1 33.33	2 66.67	3 100.00

Are there additional formal or legal requirements for this occupation

Frequency Percent Col Pct	certification (training / course)		
L121_2	**COUNTRY**		**Total**
	espagna	**poland**	
1	0 0.00 .	1 100.00 100.00	1 100.00
Total	0 0.00	1 100.00	1 100.00

Frequency Percent Col Pct	working according to a professional code or protocol		
L121_3	**COUNTRY**		**Total**
	espagna	**poland**	
1	0 0.00 .	1 100.00 100.00	1 100.00
Total	0	1	1

	0.00	100.00	100.00

Relevance of the competencies mentioned below for this occupation

Frequency / Percent / Col Pct	Initiating action		
L86	**COUNTRY**		**Total**
	espagna	**poland**	
Major	1 33.33 100.00	2 66.67 100.00	3 100.00
Total	1 33.33	2 66.67	3 100.00

Frequency / Percent / Col Pct	Instructing co-workers		
L87	**COUNTRY**		**Total**
	espagna	**poland**	
Major	0 0.00 0.00	2 66.67 100.00	2 66.67
Not at all	1 33.33 100.00	0 0.00 0.00	1 33.33
Total	1 33.33	2 66.67	3 100.00

Frequency / Percent / Col Pct	Supervising		
L88	**COUNTRY**		**Total**
	espagna	**poland**	
Major	0 0.00 0.00	2 66.67 100.00	2 66.67
Not at all	1 33.33 100.00	0 0.00 0.00	1 33.33
Total	1 33.33	2 66.67	3 100.00

Frequency / Percent / Col Pct	Co-operating with colleagues		
L89	**COUNTRY**		**Total**
	espagna	**poland**	
Major	0 0.00 0.00	2 66.67 100.00	2 66.67
Some	1 33.33 100.00	0 0.00 0.00	1 33.33
Total	1	2	3

33.33	66.67	100.00

Frequency Percent Col Pct	Communicating		
L90	COUNTRY		Total
	espagna	poland	
Major	0 0.00 0.00	2 66.67 100.00	2 66.67
Some	1 33.33 100.00	0 0.00 0.00	1 33.33
Total	1 33.33	2 66.67	3 100.00

Frequency Percent Col Pct	Relating and networking		
L91	COUNTRY		Total
	espagna	poland	
Major	0 0.00 0.00	1 33.33 50.00	1 33.33
Not at all	1 33.33 100.00	0 0.00 0.00	1 33.33
Some	0 0.00 0.00	1 33.33 50.00	1 33.33
Total	1 33.33	2 66.67	3 100.00

Frequency Percent Col Pct	Negotiating		
L92	COUNTRY		Total
	espagna	poland	
Major	0 0.00 0.00	1 33.33 50.00	1 33.33
Not at all	1 33.33 100.00	0 0.00 0.00	1 33.33
Some	0 0.00 0.00	1 33.33 50.00	1 33.33
Total	1 33.33	2 66.67	3 100.00

Frequency Percent Col Pct	Reporting		
L93	COUNTRY		Total
	espagna	poland	

Not at all	1 33.33 100.00	0 0.00 0.00	1 33.33
Some	0 0.00 0.00	2 66.67 100.00	2 66.67
Total	1 33.33	2 66.67	3 100.00

Frequency Percent Col Pct	Applying know-how, professional expertise		
L94	**COUNTRY**		**Total**
	espagna	**poland**	
Major	1 33.33 100.00	1 33.33 50.00	2 66.67
Some	0 0.00 0.00	1 33.33 50.00	1 33.33
Total	1 33.33	2 66.67	3 100.00

Frequency Percent Col Pct	Problem solving		
L95	**COUNTRY**		**Total**
	espagna	**poland**	
Major	1 33.33 100.00	2 66.67 100.00	3 100.00
Total	1 33.33	2 66.67	3 100.00

Frequency Percent Col Pct	Developing new procedures and working methods		
L96	**COUNTRY**		**Total**
	espagna	**poland**	
Major	0 0.00 0.00	1 33.33 50.00	1 33.33
Some	1 33.33 100.00	1 33.33 50.00	2 66.67
Total	1 33.33	2 66.67	3 100.00

Frequency Percent Col Pct	Forming strategies		
L97	**COUNTRY**		**Total**
	espagna	**poland**	

Not at all	1 33.33 100.00	0 0.00 0.00	1 33.33
Some	0 0.00 0.00	2 66.67 100.00	2 66.67
Total	1 33.33	2 66.67	3 100.00

Frequency Percent Col Pct	Planning and organising		
L98	**COUNTRY**		**Total**
	espagna	**poland**	
Major	0 0.00 0.00	2 66.67 100.00	2 66.67
Some	1 33.33 100.00	0 0.00 0.00	1 33.33
Total	1 33.33	2 66.67	3 100.00

Frequency Percent Col Pct	Following instructions and procedures		
L99	**COUNTRY**		**Total**
	espagna	**poland**	
Major	1 33.33 100.00	2 66.67 100.00	3 100.00
Total	1 33.33	2 66.67	3 100.00

Frequency Percent Col Pct	Dealing with contingencies		
L100	**COUNTRY**		**Total**
	espagna	**poland**	
Major	1 33.33 100.00	1 33.33 50.00	2 66.67
Some	0 0.00 0.00	1 33.33 50.00	1 33.33
Total	1 33.33	2 66.67	3 100.00

Frequency Percent Col Pct	Coping with stressful situations		
L101	**COUNTRY**		**Total**
	espagna	**poland**	
Major	0 0.00	1 33.33	1 33.33

	0.00	50.00	
Some	1 33.33 100.00	1 33.33 50.00	2 66.67
Total	1 33.33	2 66.67	3 100.00

Frequency Percent Col Pct	Commercial thinking		
L102	**COUNTRY**		**Total**
	espagna	**poland**	
Major	0 0.00 0.00	1 33.33 50.00	1 33.33
Not at all	1 33.33 100.00	0 0.00 0.00	1 33.33
Some	0 0.00 0.00	1 33.33 50.00	1 33.33
Total	1 33.33	2 66.67	3 100.00

Do you expect the size of this occupation (how many people are working in the occupation) to decline, increase or remain stable in the next 5 years?

Frequency Percent Col Pct	Table of L111 by COUNTRY		
L111	**COUNTRY**		**Total**
	espagna	**poland**	
Increase	0 0.00 0.00	1 33.33 50.00	1 33.33
Stable	1 33.33 100.00	1 33.33 50.00	2 66.67
Total	1 33.33	2 66.67	3 100.00

In general the tasks were performed daily in both countries. Competent performance of all tasks was important in all countries. Here is a short summary of the tasks characteristics in all countries:

1. Determine production requirements (e.g. output quality and quantity, cost, time, labour requirements), e.g. by analysing charts, work orders, production schedules, etc., - ES daily, PL monthly, competent performance is important in ES
2. Determine schedules, sequences and assignments for assembly line activities. ES, PL – daily, competent performance is important in ES and PL
3. Confer with other supervisors to coordinate operations and activities within or between

departments. – ES weekly, PL daily, competent performance is important in PL

4. Give instructions to workers, e.g. about work specifications, equipment operation. – ES, PL daily, competent performance is important in ES and PL

5. Monitor and control materials, products or equipment to detect defects or faults. - ES, PL daily, competent performance is important in ES and PL

6. Monitor assembly line workers' performance, e.g. by monitoring gauges, dials and other indicators. - ES, PL daily, competent performance is important in ES and PL

7. Control quality and quantity of production. - ES, PL daily, competent performance is important in ES and PL

8. Evaluate current production estimates and outputs. – ES weekly, PL never, competent performance is some important in ES and PL

9. Participate in the work activities of assembly line workers. – ES weekly, PL daily and monthly, competent performance is important in PL

10. Conduct or arrange training in job-related skills for workers. – ES yearly, PL monthly or never, competent performance is important in PL

11. Enforce safety and sanitation regulations. – ES weekly, PL daily, competent performance is important in ES and PL

12. Recommend and implement initiatives such as new techniques and products, purchases of new machinery and changes in staff levels. – ES, PL monthly, competent performance is important in ES and PL

Additional formal or legal requirements for this occupation were required in PL.

Poland and Spain differ significantly as far as required competences are concerned. Only 5 competences were important in both countries. Below important competences for each country are presented:

Initiating action – ES, PL
Instructing co-workers – PL
Supervising – PL
Co-operating with colleagues – PL
Communicating – PL
Relating and networking – PL,
Negotiating - PL
Reporting – not important
Applying know-how, professional expertise – ES, PL
Problem solving – ES, PL
Developing new procedures and working methods – PL
Forming strategies – ES

Planning and organising – PL
Following instructions and procedures – ES, PL
Dealing with contingencies – ES, PL
Coping with stressful situations – PL
Commercial thinking – PL

The expectation in PL is that the size of the occupation increase, in ES – remain stable.

3.8. Occupation First line supervisor manufacturing workers

The tasks list

1. Determine production requirements (e.g. output quality and quantity, cost, time, labour requirements), e.g. by analysing charts, work orders, production schedules, etc.
2. Determine schedules, sequences and assignments for manufacturing work activities.
3. Confer with other supervisors to coordinate operations and activities within or between departments.
4. Give instructions to workers, e.g. about work specifications, equipment operation.
5. Monitor and control materials, products or equipment to detect defects or faults.
6. Monitor manufacturing workers' performance, e.g. by monitoring gauges, dials and other indicators.
7. Control quality and quantity of production.
8. Evaluate current production estimates and outputs.
9. Participate in the work activities of manufacturing workers.
10. Conduct or arrange training in job-related skills for workers.
11. Enforce safety and sanitation regulations.
12. Recommend and implement initiatives such as new techniques and products, purchases of new machinery and changes in staff levels.

How frequently the task is performed (never or on a daily, weekly, monthly or yearly basis)?

Frequency Percent Col Pct		Determine production requirements (e.g. output quality and quantity, cost, time, labour requirements), e.g. by analysing charts, work orders, production schedules, etc					
		L27	COUNTRY				Total
			UK	espagna	france	netherl	poland	
		Daily	1 9.09 33.33	3 27.27 100.00	2 18.18 100.00	0 0.00 0.00	0 0.00 0.00	6 54.55
		Weekly	2 18.18	0 0.00	0 0.00	1 9.09	2 18.18	5 45.45

	66.67	0.00	0.00	100.00	100.00	
Total	3 27.27	3 27.27	2 18.18	1 9.09	2 18.18	11 100.00

Frequency **Percent** **Col Pct**	Determine schedules, sequences and assignments for manufacturing work activities.					
L28	**COUNTRY**					**Total**
	UK	**espagna**	**france**	**netherl**	**poland**	
Daily	2 18.18 66.67	3 27.27 100.00	2 18.18 100.00	0 0.00 0.00	2 18.18 100.00	9 81.82
Weekly	1 9.09 33.33	0 0.00 0.00	0 0.00 0.00	1 9.09 100.00	0 0.00 0.00	2 18.18
Total	3 27.27	3 27.27	2 18.18	1 9.09	2 18.18	11 100.00

Frequency **Percent** **Col Pct**	Confer with other supervisors to coordinate operations and activities within or between departments					
L29	**COUNTRY**					**Total**
	UK	**espagna**	**france**	**netherl**	**poland**	
Daily	1 9.09 33.33	3 27.27 100.00	2 18.18 100.00	1 9.09 100.00	0 0.00 0.00	7 63.64
Monthly	1 9.09 33.33	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09
Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	1 9.09
Weekly	1 9.09 33.33	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09
Yearly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	1 9.09
Total	3 27.27	3 27.27	2 18.18	1 9.09	2 18.18	11 100.00

Frequency / Percent / Col Pct	Give instructions to workers, e.g. about work specifications, equipment operation					
L30	**COUNTRY**					**Total**
	UK	**espagna**	**france**	**netherl**	**poland**	
Daily	3 27.27 100.00	3 27.27 100.00	2 18.18 100.00	1 9.09 100.00	1 9.09 50.00	10 90.91
Monthly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	1 9.09
Total	3 27.27	3 27.27	2 18.18	1 9.09	2 18.18	11 100.00

Frequency / Percent / Col Pct	Monitor and control materials, products or equipment to detect defects or faults.					
L31	**COUNTRY**					**Total**
	UK	**espagna**	**france**	**netherl**	**poland**	
Daily	3 27.27 100.00	3 27.27 100.00	2 18.18 100.00	1 9.09 100.00	1 9.09 50.00	10 90.91
Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	1 9.09
Total	3 27.27	3 27.27	2 18.18	1 9.09	2 18.18	11 100.00

Frequency / Percent / Col Pct	Monitor manufacturing workers' performance, e.g. by monitoring gauges, dials and other indicators.					
L32	**COUNTRY**					**Total**
	UK	**espagna**	**france**	**netherl**	**poland**	
Daily	3 27.27 100.00	3 27.27 100.00	2 18.18 100.00	1 9.09 100.00	1 9.09 50.00	10 90.91
Monthly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	1 9.09
Total	3 27.27	3 27.27	2 18.18	1 9.09	2 18.18	11 100.00

Frequency / Percent / Col Pct	Control quality and quantity of production					
L33	**COUNTRY**					**Total**
	UK	**espagna**	**france**	**netherl**	**poland**	
Daily	3 27.27 100.00	3 27.27 100.00	2 18.18 100.00	1 9.09 100.00	0 0.00 0.00	9 81.82
Monthly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	1 9.09
Weekly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	1 9.09
Total	3 27.27	3 27.27	2 18.18	1 9.09	2 18.18	11 100.00

Frequency / Percent / Col Pct	Evaluate current production estimates and outputs					
L34	**COUNTRY**					**Total**
	UK	**espagna**	**france**	**netherl**	**poland**	
Daily	0 0.00 0.00	1 9.09 33.33	2 18.18 100.00	1 9.09 100.00	0 0.00 0.00	4 36.36
Monthly	1 9.09 33.33	1 9.09 33.33	0 0.00 0.00	0 0.00 0.00	2 18.18 100.00	4 36.36
Weekly	2 18.18 66.67	1 9.09 33.33	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	3 27.27
Total	3 27.27	3 27.27	2 18.18	1 9.09	2 18.18	11 100.00

Frequency / Percent / Col Pct	Participate in the work activities of manufacturing workers					
L35	**COUNTRY**					**Total**
	UK	**espagna**	**france**	**netherl**	**poland**	
Daily	3 30.00 100.00	3 30.00 100.00	1 10.00 100.00	0 0.00 0.00	0 0.00 0.00	7 70.00
Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 20.00 100.00	2 20.00

Weekly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	1 10.00
Total	3 30.00	3 30.00	1 10.00	1 10.00	2 20.00	10 100.00

Frequency Percent Col Pct	Conduct or arrange training in job-related skills for workers.					
L36	**COUNTRY**					**Total**
	UK	**espagna**	**france**	**netherl**	**poland**	
Daily	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	0 0.00 0.00	1 10.00
Monthly	2 20.00 66.67	3 30.00 100.00	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	6 60.00
Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	1 10.00
Yearly	1 10.00 33.33	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	2 20.00
Total	3 30.00	3 30.00	1 10.00	1 10.00	2 20.00	10 100.00

Frequency Percent Col Pct	Enforce safety and sanitation regulations.					
L36B	**COUNTRY**					**Total**
	UK	**espagna**	**france**	**netherl**	**poland**	
Daily	3 27.27 100.00	1 9.09 33.33	2 18.18 100.00	1 9.09 100.00	1 9.09 50.00	8 72.73
Weekly	0 0.00 0.00	2 18.18 66.67	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 18.18
Yearly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	1 9.09
Total	3 27.27	3 27.27	2 18.18	1 9.09	2 18.18	11 100.00

Frequency / Percent / Col Pct		Recommend and implement initiatives such as new techniques and products, purchases of new machinery and changes in staff levels					
L36C		COUNTRY					Total
		UK	espagna	france	netherl	poland	
Daily		0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	0 0.00 0.00	1 10.00
Monthly		2 20.00 66.67	3 30.00 100.00	0 0.00 0.00	1 10.00 100.00	1 10.00 50.00	7 70.00
Yearly		1 10.00 33.33	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	2 20.00
Total		3 30.00	3 30.00	1 10.00	1 10.00	2 20.00	10 100.00

How important is competent performance of this task in this occupation?

Frequency / Percent / Col Pct		Determine production requirements (e.g. output quality and quantity, cost, time, labour requirements), e.g. by analysing charts, work orders, production schedules, etc					
L40		COUNTRY					Total
		UK	espagna	france	netherl	poland	
Major		3 27.27 100.00	3 27.27 100.00	1 9.09 50.00	1 9.09 100.00	2 18.18 100.00	10 90.91
Some		0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	1 9.09
Total		3 27.27	3 27.27	2 18.18	1 9.09	2 18.18	11 100.00

Frequency / Percent / Col Pct		Determine schedules, sequences and assignments for manufacturing work activities					
L41		COUNTRY					Total
		UK	espagna	france	netherl	poland	
Major		3 27.27 100.00	3 27.27 100.00	1 9.09 50.00	1 9.09 100.00	2 18.18 100.00	10 90.91
Some		0	0	1	0	0	1

	0.00 0.00	0.00 0.00	9.09 50.00	0.00 0.00	0.00 0.00	9.09
Total	3 27.27	3 27.27	2 18.18	1 9.09	2 18.18	11 100.00

Frequency **Percent** **Col Pct**	Confer with other supervisors to coordinate operations and activities within or between departments					
L42	**COUNTRY**					**Total**
	UK	**espagna**	**france**	**netherl**	**poland**	
Major	1 11.11 33.33	2 22.22 100.00	1 11.11 50.00	1 11.11 100.00	0 0.00 0.00	5 55.56
Some	2 22.22 66.67	0 0.00 0.00	1 11.11 50.00	0 0.00 0.00	1 11.11 100.00	4 44.44
Total	3 33.33	2 22.22	2 22.22	1 11.11	1 11.11	9 100.00

Frequency **Percent** **Col Pct**	Give instructions to workers, e.g. about work specifications, equipment operation					
L43	**COUNTRY**					**Total**
	UK	**espagna**	**france**	**netherl**	**poland**	
Major	3 27.27 100.00	3 27.27 100.00	1 9.09 50.00	1 9.09 100.00	1 9.09 50.00	9 81.82
Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	1 9.09
Some	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	1 9.09
Total	3 27.27	3 27.27	2 18.18	1 9.09	2 18.18	11 100.00

Frequency **Percent** **Col Pct**	Monitor and control materials, products or equipment to detect defects or faults. - daily in all countries					
L44	**COUNTRY**					**Total**
	UK	**espagna**	**france**	**netherl**	**poland**	
Major	3	2	1	1	1	8

	33.33 100.00	22.22 100.00	11.11 50.00	11.11 100.00	11.11 100.00	88.89
Some	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	0 0.00 0.00	0 0.00 0.00	1 11.11
Total	3 33.33	2 22.22	2 22.22	1 11.11	1 11.11	9 100.00

Frequency **Percent** **Col Pct**	Monitor manufacturing workers' performance, e.g. by monitoring gauges, dials and other indicators					
L45	**COUNTRY**					**Total**
	UK	**espagna**	**france**	**netherl**	**poland**	
Major	3 27.27 100.00	3 27.27 100.00	1 9.09 50.00	1 9.09 100.00	2 18.18 100.00	10 90.91
Some	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	1 9.09
Total	3 27.27	3 27.27	2 18.18	1 9.09	2 18.18	11 100.00

Frequency **Percent** **Col Pct**	Control quality and quantity of production					
L46	**COUNTRY**					**Total**
	UK	**espagna**	**france**	**netherl**	**poland**	
Major	3 30.00 100.00	2 20.00 100.00	1 10.00 50.00	1 10.00 100.00	1 10.00 50.00	8 80.00
Some	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	1 10.00 50.00	2 20.00
Total	3 30.00	2 20.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency **Percent** **Col Pct**	Evaluate current production estimates and outputs					
L47	**COUNTRY**					**Total**
	UK	**espagna**	**france**	**netherl**	**poland**	
Major	3 27.27	1 9.09	1 9.09	1 9.09	2 18.18	8 72.73

	100.00	33.33	50.00	100.00	100.00	
Some	0 0.00 0.00	2 18.18 66.67	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	3 27.27
Total	3 27.27	3 27.27	2 18.18	1 9.09	2 18.18	11 100.00

Frequency Percent Col Pct	Participate in the work activities of manufacturing workers					
L48	**COUNTRY**					**Total**
	UK	**espagna**	**france**	**netherl**	**poland**	
Major	3 33.33 100.00	2 22.22 66.67	0 0.00 0.00	0 0.00 0.00	0 0.00 .	5 55.56
Some	0 0.00 0.00	1 11.11 33.33	2 22.22 100.00	1 11.11 100.00	0 0.00 .	4 44.44
Total	3 33.33	3 33.33	2 22.22	1 11.11	0 0.00	9 100.00

Frequency Percent Col Pct	Conduct or arrange training in job-related skills for workers.					
L49	**COUNTRY**					**Total**
	UK	**espagna**	**france**	**netherl**	**poland**	
Major	2 20.00 66.67	0 0.00 0.00	1 10.00 50.00	1 10.00 100.00	0 0.00 0.00	4 40.00
Some	1 10.00 33.33	3 30.00 100.00	1 10.00 50.00	0 0.00 0.00	1 10.00 100.00	6 60.00
Total	3 30.00	3 30.00	2 20.00	1 10.00	1 10.00	10 100.00

Frequency Percent Col Pct	Enforce safety and sanitation regulations					
L49B	**COUNTRY**					**Total**
	UK	**espagna**	**france**	**netherl**	**poland**	
Major	3 30.00 100.00	2 20.00 66.67	0 0.00 0.00	1 10.00 100.00	1 10.00 100.00	7 70.00
Some	0	1	2	0	0	3

	0.00 0.00	10.00 33.33	20.00 100.00	0.00 0.00	0.00 0.00	30.00
Total	3 30.00	3 30.00	2 20.00	1 10.00	1 10.00	10 100.00

Frequency **Percent** **Col Pct**	Recommend and implement initiatives such as new techniques and products, purchases of new machinery and changes in staff levels					
L49C	**COUNTRY**					**Total**
	UK	**espagna**	**france**	**netherl**	**poland**	
Major	2 20.00 66.67	1 10.00 50.00	0 0.00 0.00	1 10.00 100.00	2 20.00 100.00	6 60.00
Some	1 10.00 33.33	1 10.00 50.00	2 20.00 100.00	0 0.00 0.00	0 0.00 0.00	4 40.00
Total	3 30.00	2 20.00	2 20.00	1 10.00	2 20.00	10 100.00

Are there additional formal or legal requirements for this occupation

Frequency **Percent** **Col Pct**	diploma (full educational programme)					
L121_1	**COUNTRY**					**Total**
	UK	**espagna**	**france**	**netherl**	**poland**	
1	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	1 100.00 100.00	1 100.00
Total	0 0.00	0 0.00	0 0.00	0 0.00	1 100.00	1 100.00

Frequency **Percent** **Col Pct**	certification (training / course)					
L121_2	**COUNTRY**					**Total**
	UK	**espagna**	**france**	**netherl**	**poland**	
1	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	1 100.00 100.00	1 100.00
Total	0 0.00	0 0.00	0 0.00	0 0.00	1 100.00	1 100.00

How are the additional *diploma requirements* established/laid down?

Frequency / Percent / Col Pct	Table of L73 by COUNTRY					
L73	COUNTRY					Total
	UK	espagna	france	netherl	poland	
Branch or industry	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	1 100.00 100.00	1 100.00
Total	0 0.00	0 0.00	0 0.00	0 0.00	1 100.00	1 100.00

How are the additional *certification (training/course) requirements* established/laid down?

Frequency / Percent / Col Pct	Table of L75 by COUNTRY					
L75	COUNTRY					Total
	UK	espagna	france	netherl	poland	
Collective labour agreement	0 0.00 .	0 0.00 .	1 100.00 100.00	0 0.00 .	0 0.00 .	1 100.00
Total	0 0.00	0 0.00	1 100.00	0 0.00	0 0.00	1 100.00

Relevance of the competencies mentioned below for this occupation

Frequency / Percent / Col Pct	Initiating action					
L86	COUNTRY					Total
	UK	espagna	france	netherl	poland	
Major	3 30.00 100.00	1 10.00 33.33	0 0.00 0.00	1 10.00 100.00	2 20.00 100.00	7 70.00
Some	0 0.00 0.00	2 20.00 66.67	1 10.00 100.00	0 0.00 0.00	0 0.00 0.00	3 30.00
Total	3 30.00	3 30.00	1 10.00	1 10.00	2 20.00	10 100.00

Frequency	Instructing co-workers

Percent / Col Pct	L87	COUNTRY					Total
		UK	espagna	france	netherl	poland	
	Major	3 27.27 100.00	0 0.00 0.00	0 0.00 0.00	1 9.09 100.00	2 18.18 100.00	6 54.55
	Some	0 0.00 0.00	3 27.27 100.00	2 18.18 100.00	0 0.00 0.00	0 0.00 0.00	5 45.45
	Total	3 27.27	3 27.27	2 18.18	1 9.09	2 18.18	11 100.00

Frequency / Percent / Col Pct	Supervising						
	L88	COUNTRY					Total
		UK	espagna	france	netherl	poland	
	Major	3 27.27 100.00	0 0.00 0.00	1 9.09 50.00	1 9.09 100.00	2 18.18 100.00	7 63.64
	Some	0 0.00 0.00	3 27.27 100.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	4 36.36
	Total	3 27.27	3 27.27	2 18.18	1 9.09	2 18.18	11 100.00

Frequency / Percent / Col Pct	Co-operating with colleagues						
	L89	COUNTRY					Total
		UK	espagna	france	netherl	poland	
	Major	3 27.27 100.00	0 0.00 0.00	1 9.09 50.00	1 9.09 100.00	1 9.09 50.00	6 54.55
	Some	0 0.00 0.00	3 27.27 100.00	1 9.09 50.00	0 0.00 0.00	1 9.09 50.00	5 45.45
	Total	3 27.27	3 27.27	2 18.18	1 9.09	2 18.18	11 100.00

Frequency / Percent / Col Pct	Communicating						
	L90	COUNTRY					Total
		UK	espagna	france	netherl	poland	

Major	3 27.27 100.00	0 0.00 0.00	1 9.09 50.00	1 9.09 100.00	2 18.18 100.00	7 63.64
Not at all	0 0.00 0.00	1 9.09 33.33	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09
Some	0 0.00 0.00	2 18.18 66.67	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	3 27.27
Total	3 27.27	3 27.27	2 18.18	1 9.09	2 18.18	11 100.00

Frequency Percent Col Pct	Relating and networking					
L91	**COUNTRY**					**Total**
	UK	**espagna**	**france**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11 100.00	1 11.11
Not at all	1 11.11 33.33	3 33.33 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	4 44.44
Some	2 22.22 66.67	0 0.00 0.00	1 11.11 100.00	1 11.11 100.00	0 0.00 0.00	4 44.44
Total	3 33.33	3 33.33	1 11.11	1 11.11	1 11.11	9 100.00

Frequency Percent Col Pct	Negotiating					
L92	**COUNTRY**					**Total**
	UK	**espagna**	**france**	**netherl**	**poland**	
Major	1 10.00 33.33	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00
Not at all	0 0.00 0.00	3 30.00 100.00	1 10.00 50.00	0 0.00 0.00	1 10.00 100.00	5 50.00
Some	2 20.00 66.67	0 0.00 0.00	1 10.00 50.00	1 10.00 100.00	0 0.00 0.00	4 40.00

Total	3 30.00	3 30.00	2 20.00	1 10.00	1 10.00	10 100.00

Frequency Percent Col Pct	Reporting					
L93	**COUNTRY**					**Total**
	UK	**espagna**	**france**	**netherl**	**poland**	
Major	3 27.27 100.00	0 0.00 0.00	0 0.00 0.00	1 9.09 100.00	1 9.09 50.00	5 45.45
Not at all	0 0.00 0.00	1 9.09 33.33	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09
Some	0 0.00 0.00	2 18.18 66.67	2 18.18 100.00	0 0.00 0.00	1 9.09 50.00	5 45.45
Total	3 27.27	3 27.27	2 18.18	1 9.09	2 18.18	11 100.00

Frequency Percent Col Pct	Applying know-how, professional expertise					
L94	**COUNTRY**					**Total**
	UK	**espagna**	**france**	**netherl**	**poland**	
Major	3 27.27 100.00	1 9.09 33.33	1 9.09 50.00	1 9.09 100.00	2 18.18 100.00	8 72.73
Some	0 0.00 0.00	2 18.18 66.67	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	3 27.27
Total	3 27.27	3 27.27	2 18.18	1 9.09	2 18.18	11 100.00

Frequency Percent Col Pct	Problem solving					
L95	**COUNTRY**					**Total**
	UK	**espagna**	**france**	**netherl**	**poland**	
Major	3 30.00 100.00	1 10.00 33.33	1 10.00 50.00	1 10.00 100.00	0 0.00 0.00	6 60.00
Some	0 0.00	2 20.00	1 10.00	0 0.00	1 10.00	4 40.00

	0.00	66.67	50.00	0.00	100.00	
Total	3 30.00	3 30.00	2 20.00	1 10.00	1 10.00	10 100.00

Frequency Percent Col Pct	Developing new procedures and working methods					
L96	**COUNTRY**					**Total**
	UK	**espagna**	**france**	**netherl**	**poland**	
Major	1 12.50 33.33	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 12.50
Some	2 25.00 66.67	2 25.00 100.00	1 12.50 100.00	1 12.50 100.00	1 12.50 100.00	7 87.50
Total	3 37.50	2 25.00	1 12.50	1 12.50	1 12.50	8 100.00

Frequency Percent Col Pct	Forming strategies					
L97	**COUNTRY**					**Total**
	UK	**espagna**	**france**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	1 9.09
Not at all	3 27.27 100.00	2 18.18 66.67	1 9.09 50.00	1 9.09 100.00	1 9.09 50.00	8 72.73
Some	0 0.00 0.00	1 9.09 33.33	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	2 18.18
Total	3 27.27	3 27.27	2 18.18	1 9.09	2 18.18	11 100.00

Frequency Percent Col Pct	Planning and organising					
L98	**COUNTRY**					**Total**
	UK	**espagna**	**france**	**netherl**	**poland**	
Major	2 20.00 66.67	0 0.00 0.00	1 10.00 50.00	1 10.00 100.00	1 10.00 50.00	5 50.00
Not at all	0	0	0	0	1	1

	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	10.00 50.00	10.00
Some	1 10.00 33.33	2 20.00 100.00	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	4 40.00
Total	3 30.00	2 20.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency **Percent** **Col Pct**	Following instructions and procedures					
L99	**COUNTRY**					**Total**
	UK	**espagna**	**france**	**netherl**	**poland**	
Major	1 9.09 33.33	1 9.09 33.33	1 9.09 50.00	1 9.09 100.00	2 18.18 100.00	6 54.55
Some	2 18.18 66.67	2 18.18 66.67	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	5 45.45
Total	3 27.27	3 27.27	2 18.18	1 9.09	2 18.18	11 100.00

Frequency **Percent** **Col Pct**	Dealing with contingencies					
L100	**COUNTRY**					**Total**
	UK	**espagna**	**france**	**netherl**	**poland**	
Major	2 20.00 66.67	1 10.00 33.33	0 0.00 0.00	1 10.00 100.00	2 20.00 100.00	6 60.00
Some	1 10.00 33.33	2 20.00 66.67	1 10.00 100.00	0 0.00 0.00	0 0.00 0.00	4 40.00
Total	3 30.00	3 30.00	1 10.00	1 10.00	2 20.00	10 100.00

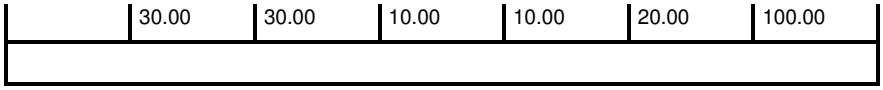
Frequency **Percent** **Col Pct**	Coping with stressful situations					
L101	**COUNTRY**					**Total**
	UK	**espagna**	**france**	**netherl**	**poland**	
Major	2 20.00 66.67	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	2 20.00 100.00	5 50.00

Not at all	0 0.00 0.00	2 20.00 66.67	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 20.00
Some	1 10.00 33.33	1 10.00 33.33	1 10.00 100.00	0 0.00 0.00	0 0.00 0.00	3 30.00
Total	3 30.00	3 30.00	1 10.00	1 10.00	2 20.00	10 100.00

Frequency Percent Col Pct	Commercial thinking					
L102	**COUNTRY**					**Total**
	UK	**espagna**	**france**	**netherl**	**poland**	
Major	1 9.09 33.33	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	2 18.18
Not at all	0 0.00 0.00	3 27.27 100.00	1 9.09 50.00	1 9.09 100.00	1 9.09 50.00	6 54.55
Some	2 18.18 66.67	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	3 27.27
Total	3 27.27	3 27.27	2 18.18	1 9.09	2 18.18	11 100.00

Do you expect the size of this occupation (how many people are working in the occupation) to decline, increase or remain stable in the next 5 years?

Frequency Percent Col Pct	Table of L111 by COUNTRY					
L111	**COUNTRY**					**Total**
	UK	**espagna**	**france**	**netherl**	**poland**	
Decline	2 20.00 66.67	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	1 10.00 50.00	4 40.00
Increase	0 0.00 0.00	1 10.00 33.33	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00
Stable	1 10.00 33.33	2 20.00 66.67	1 10.00 100.00	0 0.00 0.00	1 10.00 50.00	5 50.00
Total	3	3	1	1	2	10



In general the tasks were performed daily in most countries (in Poland some tasks were performed less frequent or never). Competent performance of most tasks was important in all countries. Here is a short summary of the tasks characteristics in all countries:

1. Determine production requirements (e.g. output quality and quantity, cost, time, labour requirements), e.g. by analysing charts, work orders, production schedules, etc. – daily in most countries (NL, PL – weekly), competent performance is important in all countries
2. Determine schedules, sequences and assignments for manufacturing work activities. - daily in most countries (NL– weekly) - competent performance is important in all countries
3. Confer with other supervisors to coordinate operations and activities within or between departments. - daily in most countries (PL - never) - competent performance is important in all countries (PL some)
4. Give instructions to workers, e.g. about work specifications, equipment operation. – daily in all countries, competent performance is important in all countries (PL some)
5. Monitor and control materials, products or equipment to detect defects or faults. - daily in all countries, competent performance is important in all countries
6. Monitor manufacturing workers' performance, e.g. by monitoring gauges, dials and other indicators. - daily in all countries, competent performance is important in all countries
7. Control quality and quantity of production. - daily in all countries (PL monthly), competent performance is important in all countries
8. Evaluate current production estimates and outputs. - daily in all countries (UK, PL monthly), competent performance is important in all countries
9. Participate in the work activities of manufacturing workers. – daily in most countries (in Poland never), competent performance is important in UK, ES
10. Conduct or arrange training in job-related skills for workers. – daily FR, monthly UK, ES, NL, never – Poland, competent performance is important in all countries
11. Enforce safety and sanitation regulations. - daily in all countries, competent performance is important in all countries
12. Recommend and implement initiatives such as new techniques and products, purchases of new machinery and changes in staff levels. – most countries monthly (FR – daily), competent performance is important in all countries

Additional formal or legal requirements for this occupation were required in PL.

Countries differ between and within as far as reported required competences are concerned. Only few competences were important in all countries. Below important competences for each country are presented:

Initiating action – all countries
Instructing co-workers – UK, NL, PL
Supervising – all countries
Co-operating with colleagues – all countries
Communicating – most countries besides ES
Relating and networking – PL,
Negotiating - UK
Reporting – UK, NL, PL
Applying know-how, professional expertise – all countries
Problem solving – all countries besides PL
Developing new procedures and working methods – UK
Forming strategies – not important
Planning and organising – UK, FR, NL, PL
Following instructions and procedures – all countries
Dealing with contingencies – all countries
Coping with stressful situations – UK, NL, PL
Commercial thinking – UK

The expectation in UK, NL, and PL is that the size of the occupation decline, in ES and FR – remain stable.

3.9. Occupation Lathe or turning machine tool setter-operator

Tasks list:

1. Read and interpret technical documentation.
2. Plan and set up (the sequence of) operations according to written specifications, tooling or other instructions.
3. Determine and select materials according to job requirements.
4. Start the lathe or turning machine.
5. Monitor the machinery during its operation, e.g. to ensure specifications are met and to detect faults and defects.
6. Adjust machine controls and change tool settings if necessary, e.g. in order to keep dimensions within specified tolerances.
7. Inspect sample workpieces to verify conformity to specifications using instruments such as gauges, micrometers, dial indicators, etc.
8. Lift metal stock or workpieces manually or using hoists, and position and secure them in

machines.

9. Replace worn tools, and sharpen blunt cutting tools and dies, e.g. using bench grinders or cutter-grinding machines.

10. Maintain the lathe or turning machine.

11. Examine quality of formed metal products to detect any defects.

12. Report any problems to their supervisors.

How frequently the task is performed (never or on a daily, weekly, monthly or yearly basis)?

Frequency / Percent / Col Pct	Read and interpret technical documentation						
L27	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Daily	1 11.11 100.00	3 33.33 100.00	1 11.11 100.00	2 22.22 100.00	0 0.00 .	2 22.22 100.00	9 100.00
Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

Frequency / Percent / Col Pct	Plan and set up (the sequence of) operations according to written specifications, tooling or other instructions						
L28	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Daily	1 11.11 100.00	3 33.33 100.00	1 11.11 100.00	2 22.22 100.00	0 0.00 .	2 22.22 100.00	9 100.00
Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

Frequency / Percent / Col Pct	Determine and select materials according to job requirements						
L29	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Daily	1 11.11 100.00	3 33.33 100.00	1 11.11 100.00	2 22.22 100.00	0 0.00 .	1 11.11 50.00	8 88.89
Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 11.11 50.00	1 11.11
Total	1	3	1	2	0	2	9

	11.11	33.33	11.11	22.22	0.00	22.22	100.00

Frequency / Percent / Col Pct	Start the lathe or turning machine						
L30	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Daily	1 11.11 100.00	3 33.33 100.00	1 11.11 100.00	2 22.22 100.00	0 0.00 .	2 22.22 100.00	9 100.00
Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

Frequency / Percent / Col Pct	Monitor the machinery during its operation, e.g. to ensure specifications are met and to detect faults and defects						
L31	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Daily	1 11.11 100.00	3 33.33 100.00	1 11.11 100.00	2 22.22 100.00	0 0.00 .	2 22.22 100.00	9 100.00
Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

Frequency / Percent / Col Pct	Adjust machine controls and change tool settings if necessary, e.g. in order to keep dimensions within specified tolerances						
L32	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Daily	1 11.11 100.00	3 33.33 100.00	1 11.11 100.00	2 22.22 100.00	0 0.00 .	2 22.22 100.00	9 100.00
Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

Frequency / Percent / Col Pct	Inspect sample workpieces to verify conformity to specifications using instruments such as gauges, micrometers, dial indicators, etc						
L33	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Daily	1 11.11 100.00	3 33.33 100.00	1 11.11 100.00	2 22.22 100.00	0 0.00 .	2 22.22 100.00	9 100.00

Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

Frequency **Percent** **Col Pct**	Lift metal stock or workpieces manually or using hoists, and position and secure them in machines						
L34	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	1 11.11 100.00	3 33.33 100.00	1 11.11 100.00	2 22.22 100.00	0 0.00 .	2 22.22 100.00	9 100.00
Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

Frequency **Percent** **Col Pct**	Replace worn tools, and sharpen blunt cutting tools and dies, e.g. using bench grinders or cutter-grinding machines						
L35	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	0 0.00 0.00	2 22.22 66.67	1 11.11 100.00	2 22.22 100.00	0 0.00 .	2 22.22 100.00	7 77.78
Weekly	1 11.11 100.00	1 11.11 33.33	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	2 22.22
Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

Frequency **Percent** **Col Pct**	Maintain the lathe or turning machine						
L36	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	0 0.00 0.00	1 11.11 33.33	1 11.11 100.00	2 22.22 100.00	0 0.00 .	2 22.22 100.00	6 66.67
Weekly	1 11.11 100.00	2 22.22 66.67	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	3 33.33
Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

Frequency Percent Col Pct	Examine quality of formed metal products to detect any defects						
L36B	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Daily	0 0.00 0.00	3 33.33 100.00	1 11.11 100.00	2 22.22 100.00	0 0.00 .	2 22.22 100.00	8 88.89
Weekly	1 11.11 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	1 11.11
Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

Frequency Percent Col Pct	Report any problems to their supervisors						
L36C	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Daily	0 0.00 0.00	1 11.11 33.33	1 11.11 100.00	2 22.22 100.00	0 0.00 .	2 22.22 100.00	6 66.67
Weekly	1 11.11 100.00	2 22.22 66.67	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	3 33.33
Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

How important is competent performance of this task in this occupation?

Frequency Percent Col Pct	Read and interpret technical documentation						
L40	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Major	1 11.11 100.00	3 33.33 100.00	1 11.11 100.00	0 0.00 0.00	0 0.00 .	2 22.22 100.00	7 77.78
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 22.22 100.00	0 0.00 .	0 0.00 0.00	2 22.22
Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

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Frequency / Percent / Col Pct	Plan and set up (the sequence of) operations according to written specifications, tooling or other instructions						
L41	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 11.11 100.00	3 33.33 100.00	1 11.11 100.00	1 11.11 50.00	0 0.00 .	1 11.11 50.00	7 77.78
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	0 0.00 .	1 11.11 50.00	2 22.22
Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

Frequency / Percent / Col Pct	. Determine and select materials according to job requirements						
L42	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 14.29 100.00	1 14.29 50.00	1 14.29 100.00	1 14.29 50.00	0 0.00 .	1 14.29 100.00	5 71.43
Some	0 0.00 0.00	1 14.29 50.00	0 0.00 0.00	1 14.29 50.00	0 0.00 .	0 0.00 0.00	2 28.57
Total	1 14.29	2 28.57	1 14.29	2 28.57	0 0.00	1 14.29	7 100.00

Frequency / Percent / Col Pct	Start the lathe or turning machine						
L43	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 11.11 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 11.11 50.00	2 22.22
Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 11.11 50.00	1 11.11
Some	0 0.00 0.00	3 33.33 100.00	1 11.11 100.00	2 22.22 100.00	0 0.00 .	0 0.00 0.00	6 66.67
Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

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Monitor the machinery during its operation, e.g. to ensure specifications are met and to detect faults and defects

Frequency / Percent / Col Pct	L44	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Major	1 11.11 100.00	3 33.33 100.00	1 11.11 100.00	1 11.11 50.00	0 0.00 .	2 22.22 100.00	8 88.89
	Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	0 0.00 .	0 0.00 0.00	1 11.11
	Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

Adjust machine controls and change tool settings if necessary, e.g. in order to keep dimensions within specified tolerances

Frequency / Percent / Col Pct	L45	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Major	1 11.11 100.00	3 33.33 100.00	1 11.11 100.00	1 11.11 50.00	0 0.00 .	2 22.22 100.00	8 88.89
	Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	0 0.00 .	0 0.00 0.00	1 11.11
	Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

Inspect sample workpieces to verify conformity to specifications using instruments such as gauges, micrometers, dial indicators, etc.

Frequency / Percent / Col Pct	L46	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Major	1 11.11 100.00	2 22.22 66.67	1 11.11 100.00	1 11.11 50.00	0 0.00 .	2 22.22 100.00	7 77.78
	Some	0 0.00 0.00	1 11.11 33.33	0 0.00 0.00	1 11.11 50.00	0 0.00 .	0 0.00 0.00	2 22.22
	Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

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Frequency / Percent / Col Pct	Lift metal stock or workpieces manually or using hoists, and position and secure them in machines						
L47	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 11.11 100.00	1 11.11 33.33	0 0.00 0.00	1 11.11 50.00	0 0.00 .	2 22.22 100.00	5 55.56
Some	0 0.00 0.00	2 22.22 66.67	1 11.11 100.00	1 11.11 50.00	0 0.00 .	0 0.00 0.00	4 44.44
Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

Frequency / Percent / Col Pct	Replace worn tools, and sharpen blunt cutting tools and dies, e.g. using bench grinders or cutter-grinding machines						
L48	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 11.11 100.00	2 22.22 66.67	1 11.11 100.00	0 0.00 0.00	0 0.00 .	1 11.11 50.00	5 55.56
Some	0 0.00 0.00	1 11.11 33.33	0 0.00 0.00	2 22.22 100.00	0 0.00 .	1 11.11 50.00	4 44.44
Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

Frequency / Percent / Col Pct	Maintain the lathe or turning machine						
L49	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 11.11 100.00	2 22.22 66.67	0 0.00 0.00	0 0.00 0.00	0 0.00 .	2 22.22 100.00	5 55.56
Some	0 0.00 0.00	1 11.11 33.33	1 11.11 100.00	2 22.22 100.00	0 0.00 .	0 0.00 0.00	4 44.44
Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

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Frequency / Percent / Col Pct	Examine quality of formed metal products to detect any defects						
L49B	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Major	1 11.11 100.00	2 22.22 66.67	0 0.00 0.00	1 11.11 50.00	0 0.00 .	2 22.22 100.00	6 66.67
Some	0 0.00 0.00	1 11.11 33.33	1 11.11 100.00	1 11.11 50.00	0 0.00 .	0 0.00 0.00	3 33.33
Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

Frequency / Percent / Col Pct	Report any problems to their supervisors						
L49C	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Major	0 0.00 0.00	2 22.22 66.67	1 11.11 100.00	0 0.00 0.00	0 0.00 .	2 22.22 100.00	5 55.56
Some	1 11.11 100.00	1 11.11 33.33	0 0.00 0.00	2 22.22 100.00	0 0.00 .	0 0.00 0.00	4 44.44
Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

Are there additional formal or legal requirements for this occupation

Frequency / Percent / Col Pct	diploma (full educational programme)						
L121_1	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
1	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	1 100.00 100.00	1 100.00
Total	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	1 100.00	1 100.00

Frequency / Percent	certification (training / course)		
L121_2	COUNTRY		Total

Col Pct		UK	espagna	france	germany	netherl	poland	
	1	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	1 100.00 100.00	1 100.00
	Total	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	1 100.00	1 100.00

Frequency Percent Col Pct	working according to a professional code or protocol						
L121_3	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
1	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	2 100.00 100.00	2 100.00
Total	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	2 100.00	2 100.00

How are the additional *certification (training/course) requirements* established/laid down?

Frequency Percent Col Pct	Table of L75 by COUNTRY						
L75	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Collective labour agreement	0 0.00 0.00	1 16.67 100.00	0 0.00 .	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 16.67
Branch or industry	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 16.67 100.00	0 0.00 0.00	2 33.33 100.00	3 50.00
Law or legal requirement	1 16.67 100.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	1 16.67 100.00	0 0.00 0.00	2 33.33
Total	1 16.67	1 16.67	0 0.00	1 16.67	1 16.67	2 33.33	6 100.00

How are the additional *professional code or protocol requirements* established/laid down?

Frequency Percent Col Pct	Table of L77 by COUNTRY						
L77	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	

Branch or industry	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	1 100.00 100.00	1 100.00
Total	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	1 100.00	1 100.00

Relevance of the competencies mentioned below for this occupation

Frequency **Percent** **Col Pct**	Initiating action						
L86	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	1 10.00 33.33	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	1 10.00 50.00	3 30.00
Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	1 10.00
Some	1 10.00 100.00	2 20.00 66.67	1 10.00 100.00	1 10.00 50.00	0 0.00 0.00	1 10.00 50.00	6 60.00
Total	1 10.00	3 30.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency **Percent** **Col Pct**	Instructing co-workers						
L87	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	1 10.00 50.00	2 20.00
Some	1 10.00 100.00	3 30.00 100.00	1 10.00 100.00	2 20.00 100.00	0 0.00 0.00	1 10.00 50.00	8 80.00
Total	1 10.00	3 30.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency **Percent**	Supervising	
L88	**COUNTRY**	**Total**

Col Pct		UK	espagna	france	germany	netherl	poland	
	Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	1 10.00
	Not at all	1 10.00 100.00	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	1 10.00 100.00	1 10.00 50.00	4 40.00
	Some	0 0.00 0.00	3 30.00 100.00	0 0.00 0.00	2 20.00 100.00	0 0.00 0.00	0 0.00 0.00	5 50.00
	Total	1 10.00	3 30.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency Percent Col Pct		Co-operating with colleagues						
	L89	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Not at all	1 10.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	2 20.00
	Some	0 0.00 0.00	3 30.00 100.00	1 10.00 100.00	2 20.00 100.00	0 0.00 0.00	2 20.00 100.00	8 80.00
	Total	1 10.00	3 30.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency Percent Col Pct		Communicating						
	L90	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 20.00 100.00	2 20.00
	Not at all	1 10.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	2 20.00
	Some	0 0.00 0.00	3 30.00 100.00	1 10.00 100.00	2 20.00 100.00	0 0.00 0.00	0 0.00 0.00	6 60.00
	Total	1 10.00	3 30.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

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Frequency / Percent / Col Pct	Relating and networking						
L91	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	1 10.00
Not at all	1 10.00 100.00	3 30.00 100.00	1 10.00 100.00	2 20.00 100.00	1 10.00 100.00	0 0.00 0.00	8 80.00
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	1 10.00
Total	1 10.00	3 30.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency / Percent / Col Pct	Negotiating						
L92	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Not at all	1 10.00 100.00	3 30.00 100.00	1 10.00 100.00	2 20.00 100.00	1 10.00 100.00	1 10.00 50.00	9 90.00
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	1 10.00
Total	1 10.00	3 30.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency / Percent / Col Pct	Reporting						
L93	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 20.00 100.00	2 20.00
Not at all	0 0.00 0.00	1 10.00 33.33	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	2 20.00
Some	1	2	1	2	0	0	6

	10.00 100.00	20.00 66.67	10.00 100.00	20.00 100.00	0.00 0.00	0.00 0.00	60.00
Total	1 10.00	3 30.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency Percent Col Pct	Applying know-how, professional expertise						
L94	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 11.11 100.00	1 11.11 33.33	1 11.11 100.00	2 22.22 100.00	0 0.00 .	1 11.11 50.00	6 66.67
Some	0 0.00 0.00	2 22.22 66.67	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 11.11 50.00	3 33.33
Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

Frequency Percent Col Pct	Problem solving						
L95	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	1 10.00 33.33	1 10.00 100.00	2 20.00 100.00	0 0.00 0.00	1 10.00 50.00	5 50.00
Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	1 10.00
Some	1 10.00 100.00	2 20.00 66.67	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	4 40.00
Total	1 10.00	3 30.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency Percent Col Pct	Developing new procedures and working methods						
L96	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 20.00 100.00	2 20.00

Not at all	0 0.00 0.00	1 10.00 33.33	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	2 20.00
Some	1 10.00 100.00	2 20.00 66.67	1 10.00 100.00	2 20.00 100.00	0 0.00 0.00	0 0.00 0.00	6 60.00
Total	1 10.00	3 30.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Forming strategies

Frequency Percent Col Pct	L97	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Not at all	1 11.11 100.00	3 33.33 100.00	1 11.11 100.00	2 22.22 100.00	0 0.00 .	1 11.11 50.00	8 88.89
	Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 11.11 50.00	1 11.11
	Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

Planning and organising

Frequency Percent Col Pct	L98	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Major	1 11.11 100.00	0 0.00 0.00	1 11.11 100.00	2 22.22 100.00	0 0.00 .	1 11.11 50.00	5 55.56
	Not at all	0 0.00 0.00	3 33.33 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 11.11 50.00	4 44.44
	Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

Following instructions and procedures

Frequency Percent Col Pct	L99	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Major	1 11.11	1 11.11	1 11.11	0 0.00	0 0.00	2 22.22	5 55.56

	100.00	33.33	100.00	0.00	.	100.00	
Some	0 0.00 0.00	2 22.22 66.67	0 0.00 0.00	2 22.22 100.00	0 0.00 .	0 0.00 0.00	4 44.44
Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

Frequency
Percent
Col Pct

Dealing with contingencies

L100	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	1 11.11 33.33	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11 100.00	2 22.22
Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11 100.00	0 0.00 0.00	1 11.11
Some	1 11.11 100.00	2 22.22 66.67	1 11.11 100.00	2 22.22 100.00	0 0.00 0.00	0 0.00 0.00	6 66.67
Total	1 11.11	3 33.33	1 11.11	2 22.22	1 11.11	1 11.11	9 100.00

Frequency
Percent
Col Pct

Coping with stressful situations

L101	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	1 10.00
Not at all	1 10.00 100.00	3 30.00 100.00	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	1 10.00 50.00	6 60.00
Some	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	2 20.00 100.00	0 0.00 0.00	0 0.00 0.00	3 30.00
Total	1 10.00	3 30.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency

Commercial thinking

Percent / Col Pct	L102	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Not at all	1 10.00 100.00	3 30.00 100.00	1 10.00 100.00	2 20.00 100.00	1 10.00 100.00	1 10.00 50.00	9 90.00
	Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	1 10.00
	Total	1 10.00	3 30.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Do you expect the size of this occupation (how many people are working in the occupation) to decline, increase or remain stable in the next 5 years?

Frequency / Percent / Col Pct	Table of L111 by COUNTRY							
	L111	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Decline	1 11.11 100.00	0 0.00 0.00	1 11.11 100.00	0 0.00 0.00	0 0.00 .	1 11.11 50.00	3 33.33
	Increase	0 0.00 0.00	2 22.22 66.67	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 11.11 50.00	3 33.33
	Stable	0 0.00 0.00	1 11.11 33.33	0 0.00 0.00	2 22.22 100.00	0 0.00 .	0 0.00 0.00	3 33.33
	Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

In general the tasks were performed daily in all countries (only some tasks in UK were performed less frequent). Competent performance of almost all tasks (except: Start the lathe or turning machine) was important in most countries (DE, FR – some important). Here is a short summary of the tasks characteristics in all countries:

1. Read and interpret technical documentation. – daily in all countries, competent performance is important in all countries (except DE)
2. Plan and set up (the sequence of) operations according to written specifications, tooling or other instructions. – daily in all countries, competent performance is important in all countries (except DE and PL)
3. Determine and select materials according to job requirements. - daily in all countries (in Poland

daily and never), competent performance is important in all countries (except DE and ES)
4. Start the lathe or turning machine. - daily in all countries, competent performance is NOT important (except UK)
5. Monitor the machinery during its operation, e.g. to ensure specifications are met and to detect faults and defects. - daily in all countries, competent performance is important in all countries (in DE – some important)
6. Adjust machine controls and change tool settings if necessary, e.g. in order to keep dimensions within specified tolerances. - daily in all countries, competent performance is important in all countries ((in DE – some important)
7. Inspect sample workpieces to verify conformity to specifications using instruments such as gauges, micrometers, dial indicators, etc. - daily in all countries, competent performance is important in all countries (in DE – important and some important)
8. Lift metal stock or workpieces manually or using hoists, and position and secure them in machines. - daily in all countries, competent performance is important in all countries (in DE and FR–some important)
9. Replace worn tools, and sharpen blunt cutting tools and dies, e.g. using bench grinders or cutter-grinding machines. - daily in all countries (UK- weekly), competent performance is important in all countries (in DE–some important)
10. Maintain the lathe or turning machine. - daily in all countries (UK, ES- weekly), competent performance is important in most countries (in FR, DE–some important)
11. Examine quality of formed metal products to detect any defects. - daily in all countries (UK-weekly), competent performance is important in most countries (in FR, DE–some important)
12. Report any problems to their supervisors. - daily in all countries (UK- weekly), competent performance is important in most countries (in UK, DE–some important)

Additional formal or legal requirements for this occupation were required in PL.

Countries differ (between and within) very much as far as reported required competences are concerned. Most competences were some or not important in most countries, only in PL almost all competences were important. Below importance of the competences for each country are presented:

Initiating action – important in DE, PL, NL – not at all, UK, ES, FR - some
Instructing co-workers – some importance (NL, PL – not at all)
Supervising – not at all (PL – some and not at all)
Co-operating with colleagues – ES, FR, DE, PL some, UK, NL – not at all
Communicating – most countries some (UK, NL – not at all, PL – major)
Relating and networking – most countries – not at all (PL – major)
Negotiating – all countries not at all
Reporting – most countries – some (NL – not at all, PL – major)

Applying know-how, professional expertise – important in all countries
Problem solving – all countries important besides NL
Developing new procedures and working methods – most countries – some (NL – not at all, PL – major)
Forming strategies – not important
Planning and organising – all countries important (ES – not at all)
Following instructions and procedures – all countries important (DE – some)
Dealing with contingencies – most countries some important (NL – not at all, PL – major)
Coping with stressful situations – not important (FR, DE – some)
Commercial thinking – not important (PL – not and some)

The expectation in ES is that the size of the occupation increase, in UK, FR – decline, DE – remain stable, PL- the opinions differ (one expert indicated that increase, one – decline)

3.10. Occupation Machine tool operator

The tasks list:

1. Study blueprints, layouts or other instructions to prepare the work.
2. Plan (the sequence of) machine operations.
3. Select and gather appropriate materials, instruments and tools for the operation.
4. Set up, start and operate machines.
5. Monitor machine operation, e.g. to detect defects or machine malfunctions.
6. Adjust machines as necessary (e.g. speed or feed), for example in case of defects or malfunctioning.
7. Check product size and shape using measuring instruments.
8. Change worn machine accessories.
9. Make minor repairs and adjustments to machines.
10. Notify supervisors when major service is required.
11. Inspect completed work (e.g. for defects and accuracy), e.g. using rules, templates or other measuring instruments.

How frequently the task is performed (never or on a daily, weekly, monthly or yearly basis)?

Frequency / Percent / Col Pct		Study blueprints, layouts or other instructions to prepare the work							
	L27	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Daily	1	1	1	1	0	0	1	5
		10.00	10.00	10.00	10.00	0.00	0.00	10.00	50.00
		100.00	100.00	50.00	100.00	0.00	0.00	50.00	

Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 20.00 100.00	1 10.00 100.00	0 0.00 0.00	3 30.00
Weekly	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	2 20.00
Total	1 10.00	1 10.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency
Percent
Col Pct

Plan (the sequence of) machine operations

L28	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	1 10.00 100.00	1 10.00 100.00	1 10.00 50.00	1 10.00 100.00	2 20.00 100.00	1 10.00 100.00	2 20.00 100.00	9 90.00
Weekly	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00
Total	1 10.00	1 10.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency
Percent
Col Pct

Select and gather appropriate materials, instruments and tools for the operation

L29	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	1 10.00 100.00	1 10.00 100.00	2 20.00 100.00	1 10.00 100.00	2 20.00 100.00	1 10.00 100.00	2 20.00 100.00	10 100.00
Total	1 10.00	1 10.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency
Percent
Col Pct

Set up, start and operate machines

L30	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	1 10.00 100.00	1 10.00 100.00	2 20.00 100.00	1 10.00 100.00	2 20.00 100.00	1 10.00 100.00	2 20.00 100.00	10 100.00
Total	1 10.00	1 10.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

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Frequency / Percent / Col Pct	Monitor machine operation, e.g. to detect defects or machine malfunctions							
L31	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Daily	1 10.00 100.00	1 10.00 100.00	2 20.00 100.00	1 10.00 100.00	2 20.00 100.00	1 10.00 100.00	1 10.00 50.00	9 90.00
Weekly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	1 10.00
Total	1 10.00	1 10.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency / Percent / Col Pct	Adjust machines as necessary (e.g. speed or feed), for example in case of defects or malfunctioning							
L32	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Daily	1 10.00 100.00	1 10.00 100.00	2 20.00 100.00	1 10.00 100.00	2 20.00 100.00	1 10.00 100.00	2 20.00 100.00	10 100.00
Total	1 10.00	1 10.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency / Percent / Col Pct	Check product size and shape using measuring instruments							
L33	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Daily	1 10.00 100.00	1 10.00 100.00	1 10.00 50.00	1 10.00 100.00	1 10.00 50.00	1 10.00 100.00	1 10.00 50.00	7 70.00
Monthly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	1 10.00
Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	1 10.00
Weekly	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00

Total	1 10.00	1 10.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency Percent Col Pct	Change worn machine accessories							
L34	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	0 0.00 0.00	0 0.00 0.00	2 22.22 100.00	1 11.11 100.00	1 11.11 50.00	0 0.00 0.00	0 0.00 0.00	4 44.44
Monthly	0 0.00 0.00	1 11.11 100.00	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	0 0.00 0.00	0 0.00 0.00	2 22.22
Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11 100.00	0 0.00 0.00	1 11.11
Weekly	1 11.11 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11
Yearly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11 100.00	1 11.11
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	1 11.11	1 11.11	9 100.00

Frequency Percent Col Pct	Make minor repairs and adjustments to machines							
L35	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	0 0.00 0.00	0 0.00 0.00	2 20.00 100.00	1 10.00 100.00	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	4 40.00
Monthly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	1 10.00 50.00	2 20.00
Weekly	1 10.00 100.00	1 10.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	1 10.00 50.00	4 40.00
Total	1 10.00	1 10.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

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Notify supervisors when major service is required

Frequency / Percent / Col Pct	L36	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Daily	0 0.00 0.00	0 0.00 0.00	2 22.22 100.00	1 11.11 100.00	1 11.11 50.00	0 0.00 0.00	0 0.00 0.00	4 44.44
	Monthly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	0 0.00 0.00	1 11.11 100.00	2 22.22
	Weekly	1 11.11 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11 100.00	0 0.00 0.00	2 22.22
	Yearly	0 0.00 0.00	1 11.11 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11
	Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	1 11.11	1 11.11	9 100.00

. Inspect completed work (e.g. for defects and accuracy), e.g. using rules, templates or other measuring instruments

Frequency / Percent / Col Pct	L36B	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Daily	1 10.00 100.00	1 10.00 100.00	1 10.00 50.00	1 10.00 100.00	1 10.00 50.00	1 10.00 100.00	1 10.00 50.00	7 70.00
	Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	1 10.00
	Weekly	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00
	Yearly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	1 10.00
	Total	1 10.00	1 10.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

How important is competent performance of this task in this occupation?

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Frequency / Percent / Col Pct	Study blueprints, layouts or other instructions to prepare the work							
L40	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	1 14.29 100.00	1 14.29 100.00	2 28.57 100.00	1 14.29 100.00	0 0.00 .	0 0.00 .	2 28.57 100.00	7 100.00
Total	1 14.29	1 14.29	2 28.57	1 14.29	0 0.00	0 0.00	2 28.57	7 100.00

Frequency / Percent / Col Pct	Plan (the sequence of) machine operations							
L41	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	1 10.00 100.00	1 10.00 100.00	2 20.00 100.00	1 10.00 100.00	2 20.00 100.00	1 10.00 100.00	2 20.00 100.00	10 100.00
Total	1 10.00	1 10.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency / Percent / Col Pct	Select and gather appropriate materials, instruments and tools for the operation							
L42	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	1 10.00 100.00	1 10.00 100.00	1 10.00 50.00	0 0.00 0.00	2 20.00 100.00	1 10.00 100.00	2 20.00 100.00	8 80.00
Some	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	1 10.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 20.00
Total	1 10.00	1 10.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency / Percent / Col Pct	Set up, start and operate machines							
L43	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	1 10.00 100.00	1 10.00 100.00	1 10.00 50.00	1 10.00 100.00	2 20.00 100.00	1 10.00 100.00	2 20.00 100.00	9 90.00
Some	0 0.00	0 0.00	1 10.00	0 0.00	0 0.00	0 0.00	0 0.00	1 10.00

	0.00	0.00	50.00	0.00	0.00	0.00	0.00	
Total	1 10.00	1 10.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency **Percent** **Col Pct**	Monitor machine operation, e.g. to detect defects or machine malfunctions							
L44	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 10.00 100.00	1 10.00 100.00	2 20.00 100.00	1 10.00 100.00	2 20.00 100.00	1 10.00 100.00	1 10.00 50.00	9 90.00
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	1 10.00
Total	1 10.00	1 10.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency **Percent** **Col Pct**	Adjust machines as necessary (e.g. speed or feed), for example in case of defects or malfunctioning							
L45	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 10.00 100.00	1 10.00 100.00	2 20.00 100.00	1 10.00 100.00	2 20.00 100.00	1 10.00 100.00	2 20.00 100.00	10 100.00
Total	1 10.00	1 10.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency **Percent** **Col Pct**	Check product size and shape using measuring instruments							
L46	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 11.11 100.00	1 11.11 100.00	0 0.00 0.00	0 0.00 0.00	1 11.11 100.00	1 11.11 100.00	1 11.11 50.00	5 55.56
Some	0 0.00 0.00	0 0.00 0.00	2 22.22 100.00	1 11.11 100.00	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	4 44.44
Total	1 11.11	1 11.11	2 22.22	1 11.11	1 11.11	1 11.11	2 22.22	9 100.00

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Frequency / Percent / Col Pct	Change worn machine accessories							
L47	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	1 11.11 100.00	0 0.00 0.00	1 11.11 50.00	1 11.11 100.00	0 0.00 0.00	0 0.00 .	1 11.11 50.00	4 44.44
Some	0 0.00 0.00	1 11.11 100.00	1 11.11 50.00	0 0.00 0.00	2 22.22 100.00	0 0.00 .	1 11.11 50.00	5 55.56
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

Frequency / Percent / Col Pct	Make minor repairs and adjustments to machines							
L48	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	1 10.00 100.00	0 0.00 0.00	2 20.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 20.00 100.00	5 50.00
Some	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	1 10.00 100.00	2 20.00 100.00	1 10.00 100.00	0 0.00 0.00	5 50.00
Total	1 10.00	1 10.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency / Percent / Col Pct	Notify supervisors when major service is required							
L49	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	1 10.00 100.00	0 0.00 0.00	1 10.00 100.00	2 20.00 100.00	5 50.00
Some	1 10.00 100.00	1 10.00 100.00	1 10.00 50.00	0 0.00 0.00	2 20.00 100.00	0 0.00 0.00	0 0.00 0.00	5 50.00
Total	1 10.00	1 10.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency	Inspect completed work (e.g. for defects and accuracy), e.g. using rules, templates or other

Percent / Col Pct	measuring instruments							
L49B	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	1 11.11 100.00	1 11.11 100.00	1 11.11 50.00	0 0.00 0.00	1 11.11 100.00	1 11.11 100.00	1 11.11 50.00	6 66.67
Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	1 11.11
Some	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	1 11.11 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 22.22
Total	1 11.11	1 11.11	2 22.22	1 11.11	1 11.11	1 11.11	2 22.22	9 100.00

Are there additional formal or legal requirements for this occupation

Frequency / Percent / Col Pct	certification (training / course)							
L121_2	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
1	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	1 33.33 100.00	2 66.67 100.00	3 100.00
Total	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	1 33.33	2 66.67	3 100.00

Frequency / Percent / Col Pct	other							
L121_4	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
1	0 0.00 .	1 100.00 100.00	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	1 100.00
Total	0 0.00	1 100.00	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	1 100.00

How are the additional *certification (training/course) requirements* established/laid down?

Frequency / Percent / Col Pct	Table of L75 by COUNTRY							
L75	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	

Law or legal requirement	0 0.00 .	0 0.00 .	1 50.00 100.00	0 0.00 .	0 0.00 .	1 50.00 100.00	0 0.00 .	2 100.00
Total	0 0.00	0 0.00	1 50.00	0 0.00	0 0.00	1 50.00	0 0.00	2 100.00

How are the additional *professional code or protocol requirements* established/laid down?

Frequency Percent Col Pct	Table of L79 by COUNTRY							
L79	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Branch or industry	0 0.00 .	1 100.00 100.00	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	1 100.00
Total	0 0.00	1 100.00	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	1 100.00

Relevance of the competencies mentioned below for this occupation

Frequency Percent Col Pct	Initiating action							
L86	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	2 20.00 100.00	1 10.00 100.00	1 10.00 50.00	5 50.00
Not at all	1 10.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	2 20.00
Some	0 0.00 0.00	1 10.00 100.00	1 10.00 50.00	1 10.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	3 30.00
Total	1 10.00	1 10.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency Percent Col Pct	Instructing co-workers							
L87	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	0	0	0	0	1	0	2	3

	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	10.00 50.00	0.00 0.00	20.00 100.00	30.00
Not at all	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00
Some	1 10.00 100.00	0 0.00 0.00	2 20.00 100.00	1 10.00 100.00	1 10.00 50.00	1 10.00 100.00	0 0.00 0.00	6 60.00
Total	1 10.00	1 10.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency
Percent
Col Pct

Supervising

L88	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 20.00 100.00	2 20.00
Not at all	1 10.00 100.00	1 10.00 100.00	0 0.00 0.00	1 10.00 100.00	2 20.00 100.00	0 0.00 0.00	0 0.00 0.00	5 50.00
Some	0 0.00 0.00	0 0.00 0.00	2 20.00 100.00	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	3 30.00
Total	1 10.00	1 10.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency
Percent
Col Pct

Co-operating with colleagues

L89	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 20.00 100.00	1 10.00 100.00	2 20.00 100.00	5 50.00
Some	1 10.00 100.00	1 10.00 100.00	2 20.00 100.00	1 10.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	5 50.00
Total	1 10.00	1 10.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

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Communicating

Frequency / Percent / Col Pct	L90	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	1 10.00 100.00	2 20.00 100.00	4 40.00
	Some	1 10.00 100.00	1 10.00 100.00	2 20.00 100.00	1 10.00 100.00	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	6 60.00
	Total	1 10.00	1 10.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Relating and networking

Frequency / Percent / Col Pct	L91	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	1 10.00
	Not at all	1 10.00 100.00	1 10.00 100.00	2 20.00 100.00	1 10.00 100.00	1 10.00 50.00	1 10.00 100.00	0 0.00 0.00	7 70.00
	Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	1 10.00 50.00	2 20.00
	Total	1 10.00	1 10.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Negotiating

Frequency / Percent / Col Pct	L92	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	1 10.00
	Not at all	1 10.00 100.00	1 10.00 100.00	2 20.00 100.00	1 10.00 100.00	1 10.00 50.00	1 10.00 100.00	1 10.00 50.00	8 80.00
	Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	1 10.00

Total	1 10.00	1 10.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency
Percent
Col Pct

Reporting

L93	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	1 10.00
Not at all	1 10.00 100.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	3 30.00
Some	0 0.00 0.00	1 10.00 100.00	1 10.00 50.00	1 10.00 100.00	2 20.00 100.00	1 10.00 100.00	0 0.00 0.00	6 60.00
Total	1 10.00	1 10.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency
Percent
Col Pct

Applying know-how, professional expertise

L94	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 11.11 100.00	1 11.11 100.00	1 11.11 50.00	1 11.11 100.00	2 22.22 100.00	1 11.11 100.00	0 0.00 0.00	7 77.78
Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11 100.00	1 11.11
Some	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11
Total	1 11.11	1 11.11	2 22.22	1 11.11	2 22.22	1 11.11	1 11.11	9 100.00

Frequency
Percent
Col Pct

Problem solving

L95	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00	0 0.00	1 10.00	1 10.00	2 20.00	1 10.00	1 10.00	6 60.00

	0.00	0.00	50.00	100.00	100.00	100.00	50.00	
Some	1 10.00 100.00	1 10.00 100.00	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	4 40.00
Total	1 10.00	1 10.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency
Percent
Col Pct

Developing new procedures and working methods

L96	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	1 10.00 50.00	2 20.00
Not at all	1 10.00 100.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 20.00
Some	0 0.00 0.00	1 10.00 100.00	1 10.00 50.00	1 10.00 100.00	1 10.00 50.00	1 10.00 100.00	1 10.00 50.00	6 60.00
Total	1 10.00	1 10.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency
Percent
Col Pct

Forming strategies

L97	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	1 11.11
Not at all	1 11.11 100.00	1 11.11 100.00	2 22.22 100.00	1 11.11 100.00	0 0.00 0.00	1 11.11 100.00	0 0.00 0.00	6 66.67
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11 100.00	0 0.00 0.00	1 11.11 50.00	2 22.22
Total	1 11.11	1 11.11	2 22.22	1 11.11	1 11.11	1 11.11	2 22.22	9 100.00

Frequency

Planning and organising

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Percent / Col Pct	L98	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	1 10.00 50.00	1 10.00 100.00	2 20.00 100.00	5 50.00
	Not at all	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	2 20.00
	Some	1 10.00 100.00	1 10.00 100.00	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	3 30.00
	Total	1 10.00	1 10.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Following instructions and procedures

Frequency / Percent / Col Pct	L99	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	1 10.00 100.00	1 10.00 100.00	1 10.00 50.00	1 10.00 100.00	1 10.00 50.00	1 10.00 100.00	2 20.00 100.00	8 80.00
	Some	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	2 20.00
	Total	1 10.00	1 10.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Dealing with contingencies

Frequency / Percent / Col Pct	L100	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	2 20.00 100.00	1 10.00 100.00	2 20.00 100.00	6 60.00
	Some	1 10.00 100.00	1 10.00 100.00	1 10.00 50.00	1 10.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	4 40.00
	Total	1 10.00	1 10.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency Percent Col Pct	Coping with stressful situations							
L101	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 20.00 100.00	1 10.00 100.00	2 20.00 100.00	5 50.00
Not at all	1 10.00 100.00	0 0.00 0.00	2 20.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	3 30.00
Some	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 20.00
Total	1 10.00	1 10.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency Percent Col Pct	Commercial thinking							
L102	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 20.00 100.00	2 20.00
Not at all	1 10.00 100.00	1 10.00 100.00	2 20.00 100.00	1 10.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	5 50.00
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 20.00 100.00	1 10.00 100.00	0 0.00 0.00	3 30.00
Total	1 10.00	1 10.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Do you expect the size of this occupation (how many people are working in the occupation) to decline, increase or remain stable in the next 5 years?

Frequency Percent Col Pct	Table of L111 by COUNTRY							
L111	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Decline	1 10.00 100.00	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 20.00

Increase	0 0.00 0.00	1 10.00 100.00	2 20.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	4 40.00
Stable	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 20.00 100.00	1 10.00 100.00	1 10.00 50.00	4 40.00
Total	1 10.00	1 10.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

In general most tasks were performed daily in all countries (only some tasks in DE were performed less frequent or never). Competent performance of almost all tasks (except: Start the lathe or turning machine) was important in most countries (DE, FR – some important). Here is a short summary of the tasks characteristics in all countries:

1. Study blueprints, layouts or other instructions to prepare the work. – daily in most countries (DE, NL – never), competent performance is important in all countries
2. Plan (the sequence of) machine operations. – daily in all countries, competent performance is important in all countries
3. Select and gather appropriate materials, instruments and tools for the operation. - daily in all countries, competent performance is important in all countries (FR – some)
4. Set up, start and operate machines. - daily in all countries, competent performance is important in all countries
5. Monitor machine operation, e.g. to detect defects or machine malfunctions. - daily in all countries, competent performance is important in all countries
6. Adjust machines as necessary (e.g. speed or feed), for example in case of defects or malfunctioning. - daily in all countries, competent performance is important in all countries
7. Check product size and shape using measuring instruments. – differently within and between countries, most answers – daily (only DE – never), competent performance is important in all countries (ES, FR – some)
8. Change worn machine accessories. - differently within and between countries, most answers – daily (only NL – never), competent performance is important in all countries (BE, DE – some)
9. Make minor repairs and adjustments to machines. - differently within and between countries, most answers – daily or weekly, competent performance is some important in most countries (UK, ES, PL – major)
10. Notify supervisors when major service is required. - differently within and between countries, most answers – daily, competent performance is some important in most countries (FR, NL, PL – major)
11. Inspect completed work (e.g. for defects and accuracy), e.g. using rules, templates or other measuring instruments. - daily in all countries (one answer in DE – never), competent

performance is important in most countries (FR – some, PL, important and not at all)

Additional formal or legal requirements for this occupation were required in BE, NL, and PL.

Countries differ (between and within) much as far as reported required competences are concerned. Most competences were some or not important in most countries, only in PL almost all competences were important. Below importance of the competences for each country are presented:

Initiating action – important in most countries (UK – not at all, PL – major and not at all)
Instructing co-workers – some importance in most countries (BE – not at all, PL - major)
Supervising – not at all in most countries (ES, NL – some, PL – major)
Co-operating with colleagues – some importance in most countries (DE, NL, PL – major)
Communicating – some importance in most countries (DE, NL, PL – major)
Relating and networking – most countries – not at all (PL – major)
Negotiating – all countries not at all (one expert in Poland – major)
Reporting – most countries – some (UK – not at all, PL – major)
Applying know-how, professional expertise – important in all countries except PL – not at all
Problem solving – all countries important or some important
Developing new procedures and working methods – most countries – some (UK – not at all, PL – major)
Forming strategies – not important in most countries except PL
Planning and organising – not important in most countries except ES
Following instructions and procedures – all countries important
Dealing with contingencies – most countries some important (DE, NL, PL – major)
Coping with stressful situations – UK, ES not important, BE, FR some, DE, NL. PL - major
Commercial thinking – not important in most countries only in PL important

The expectation in BE, ES is that the size of the occupation increase, in UK, FR – decline, DE, NL – remain stable, PL- the opinions differ (one expert indicated that increase, one – remain stable)

3.11. Occupation Meat processing machine operator

The task list:

1. Slaughter animals.
2. Prepare carcasses for cutting, e.g. by cleaning and removing parts (organs, skin, feathers, bones, etc.).
3. Cut carcasses for further processing.
4. Separate meat and by-products.
5. Inspect meat products for defects, bruises or blemishes and remove them along with any excess

fat.

6. Process prime parts into cuts that are ready for retail use, e.g. using knives, cleavers, meat saws, bandsaws or other equipment.

7. Pack final products.

8. Check products to ensure they are up to standards.

9. Monitor machines and equipment, and adjust if necessary.

10. Maintain and clean machines used in meat preparing process.

How frequently the task is performed (never or on a daily, weekly, monthly or yearly basis)?

Frequency / Percent / Col Pct		Slaughter animals							
	L27	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Daily	0 0.00 0.00	1 12.50 100.00	3 37.50 100.00	1 12.50 100.00	0 0.00 0.00	0 0.00 .	0 0.00 .	5 62.50
	Never	1 12.50 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 25.00 100.00	0 0.00 .	0 0.00 .	3 37.50
	Total	1 12.50	1 12.50	3 37.50	1 12.50	2 25.00	0 0.00	0 0.00	8 100.00

Frequency / Percent / Col Pct		Prepare carcasses for cutting, e.g. by cleaning and removing parts (organs, skin, feathers, bones, etc.).							
	L28	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Daily	2 22.22 100.00	1 11.11 100.00	3 33.33 100.00	1 11.11 100.00	0 0.00 0.00	0 0.00 .	0 0.00 .	7 77.78
	Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 22.22 100.00	0 0.00 .	0 0.00 .	2 22.22
	Total	2 22.22	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	0 0.00	9 100.00

Frequency / Percent / Col Pct		Cut carcasses for further processing							
	L29	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	

Daily	2 22.22 100.00	1 11.11 100.00	3 33.33 100.00	1 11.11 100.00	0 0.00 0.00	0 0.00 .	0 0.00 .	7 77.78
Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 22.22 100.00	0 0.00 .	0 0.00 .	2 22.22
Total	2 22.22	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	0 0.00	9 100.00

Frequency
Percent
Col Pct

Separate meat and by-products

L30	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	2 22.22 100.00	1 11.11 100.00	3 33.33 100.00	1 11.11 100.00	0 0.00 0.00	0 0.00 .	0 0.00 .	7 77.78
Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 22.22 100.00	0 0.00 .	0 0.00 .	2 22.22
Total	2 22.22	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	0 0.00	9 100.00

Frequency
Percent
Col Pct

Inspect meat products for defects, bruises or blemishes and remove them along with any excess fat.

L31	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	2 22.22 100.00	1 11.11 100.00	3 33.33 100.00	1 11.11 100.00	0 0.00 0.00	0 0.00 .	0 0.00 .	7 77.78
Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 22.22 100.00	0 0.00 .	0 0.00 .	2 22.22
Total	2 22.22	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	0 0.00	9 100.00

Frequency
Percent
Col Pct

Process prime parts into cuts that are ready for retail use, e.g. using knives, cleavers, meat saws, bandsaws or other equipment

L32	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	2	1	3	1	1	0	0	8

	22.22 100.00	11.11 100.00	33.33 100.00	11.11 100.00	11.11 50.00	0.00 .	0.00 .	88.89
Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	0 0.00 .	0 0.00 .	1 11.11
Total	2 22.22	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	0 0.00	9 100.00

Frequency **Percent** **Col Pct**	Pack final products							
L33	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	2 22.22 100.00	1 11.11 100.00	3 33.33 100.00	1 11.11 100.00	2 22.22 100.00	0 0.00 .	0 0.00 .	9 100.00
Total	2 22.22	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	0 0.00	9 100.00

Frequency **Percent** **Col Pct**	Check products to ensure they are up to standards							
L34	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	2 22.22 100.00	1 11.11 100.00	3 33.33 100.00	1 11.11 100.00	2 22.22 100.00	0 0.00 .	0 0.00 .	9 100.00
Total	2 22.22	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	0 0.00	9 100.00

Frequency **Percent** **Col Pct**	Monitor machines and equipment, and adjust if necessary							
L35	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	2 25.00 100.00	0 0.00 .	3 37.50 100.00	1 12.50 100.00	2 25.00 100.00	0 0.00 .	0 0.00 .	8 100.00
Total	2 25.00	0 0.00	3 37.50	1 12.50	2 25.00	0 0.00	0 0.00	8 100.00

Frequency **Percent**	Maintain and clean machines used in meat preparing process	
L36	**COUNTRY**	**Total**

Col Pct		UK	belgium	espagna	france	germany	netherl	poland	
	Daily	2 22.22 100.00	1 11.11 100.00	3 33.33 100.00	1 11.11 100.00	2 22.22 100.00	0 0.00 .	0 0.00 .	9 100.00
	Total	2 22.22	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	0 0.00	9 100.00

How important is competent performance of this task in this occupation?

Frequency Percent Col Pct	Slaughter animals L40	COUNTRY UK	belgium	espagna	france	germany	netherl	poland	Total
	Major	1 16.67 100.00	1 16.67 100.00	3 50.00 100.00	0 0.00 0.00	0 0.00 .	0 0.00 .	0 0.00 .	5 83.33
	Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 16.67 100.00	0 0.00 .	0 0.00 .	0 0.00 .	1 16.67
	Total	1 16.67	1 16.67	3 50.00	1 16.67	0 0.00	0 0.00	0 0.00	6 100.00

Frequency Percent Col Pct	Prepare carcasses for cutting, e.g. by cleaning and removing parts (organs, skin, feathers, bones, etc.). L41	COUNTRY UK	belgium	espagna	france	germany	netherl	poland	Total
	Major	2 28.57 100.00	1 14.29 100.00	2 28.57 66.67	0 0.00 0.00	0 0.00 .	0 0.00 .	0 0.00 .	5 71.43
	Some	0 0.00 0.00	0 0.00 0.00	1 14.29 33.33	1 14.29 100.00	0 0.00 .	0 0.00 .	0 0.00 .	2 28.57
	Total	2 28.57	1 14.29	3 42.86	1 14.29	0 0.00	0 0.00	0 0.00	7 100.00

Frequency Percent Col Pct	Cut carcasses for further processing L42	COUNTRY UK	belgium	espagna	france	germany	netherl	poland	Total
	Major	2 28.57	1 14.29	3 42.86	0 0.00	0 0.00	0 0.00	0 0.00	6 85.71

	100.00	100.00	100.00	0.00	.	.	.	
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 14.29 100.00	0 0.00 .	0 0.00 .	0 0.00 .	1 14.29
Total	2 28.57	1 14.29	3 42.86	1 14.29	0 0.00	0 0.00	0 0.00	7 100.00

Frequency **Percent** **Col Pct**	Separate meat and by-products							
L43	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	2 28.57 100.00	1 14.29 100.00	2 28.57 66.67	0 0.00 0.00	0 0.00 .	0 0.00 .	0 0.00 .	5 71.43
Some	0 0.00 0.00	0 0.00 0.00	1 14.29 33.33	1 14.29 100.00	0 0.00 .	0 0.00 .	0 0.00 .	2 28.57
Total	2 28.57	1 14.29	3 42.86	1 14.29	0 0.00	0 0.00	0 0.00	7 100.00

Frequency **Percent** **Col Pct**	Inspect meat products for defects, bruises or blemishes and remove them along with any excess fat							
L44	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	2 28.57 100.00	1 14.29 100.00	2 28.57 66.67	0 0.00 0.00	0 0.00 .	0 0.00 .	0 0.00 .	5 71.43
Some	0 0.00 0.00	0 0.00 0.00	1 14.29 33.33	1 14.29 100.00	0 0.00 .	0 0.00 .	0 0.00 .	2 28.57
Total	2 28.57	1 14.29	3 42.86	1 14.29	0 0.00	0 0.00	0 0.00	7 100.00

Frequency **Percent** **Col Pct**	Process prime parts into cuts that are ready for retail use, e.g. using knives, cleavers, meat saws, bandsaws or other equipment							
L45	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	2 25.00 100.00	1 12.50 100.00	3 37.50 100.00	0 0.00 0.00	1 12.50 100.00	0 0.00 .	0 0.00 .	7 87.50

Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 12.50 100.00	0 0.00 0.00	0 0.00 .	0 0.00 .	1 12.50
Total	2 25.00	1 12.50	3 37.50	1 12.50	1 12.50	0 0.00	0 0.00	8 100.00

Frequency
Percent
Col Pct

Pack final products

L46	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	2 22.22 100.00	0 0.00 0.00	3 33.33 100.00	0 0.00 0.00	2 22.22 100.00	0 0.00 .	0 0.00 .	7 77.78
Some	0 0.00 0.00	1 11.11 100.00	0 0.00 0.00	1 11.11 100.00	0 0.00 0.00	0 0.00 .	0 0.00 .	2 22.22
Total	2 22.22	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	0 0.00	9 100.00

Frequency
Percent
Col Pct

Check products to ensure they are up to standards

L47	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	2 25.00 100.00	1 12.50 100.00	2 25.00 66.67	0 0.00 0.00	1 12.50 100.00	0 0.00 .	0 0.00 .	6 75.00
Some	0 0.00 0.00	0 0.00 0.00	1 12.50 33.33	1 12.50 100.00	0 0.00 0.00	0 0.00 .	0 0.00 .	2 25.00
Total	2 25.00	1 12.50	3 37.50	1 12.50	1 12.50	0 0.00	0 0.00	8 100.00

Frequency
Percent
Col Pct

Monitor machines and equipment, and adjust if necessary

L48	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	2 28.57 100.00	0 0.00 .	2 28.57 100.00	0 0.00 0.00	1 14.29 50.00	0 0.00 .	0 0.00 .	5 71.43
Some	0 0.00	0 0.00	0 0.00	1 14.29	1 14.29	0 0.00	0 0.00	2 28.57

	0.00	.	0.00	100.00	50.00	.	.	
Total	2 28.57	0 0.00	2 28.57	1 14.29	2 28.57	0 0.00	0 0.00	7 100.00

Maintain and clean machines used in meat preparing process

Frequency Percent Col Pct	L49	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	2 22.22 100.00	1 11.11 100.00	1 11.11 33.33	0 0.00 0.00	1 11.11 50.00	0 0.00 .	0 0.00 .	5 55.56
	Some	0 0.00 0.00	0 0.00 0.00	2 22.22 66.67	1 11.11 100.00	1 11.11 50.00	0 0.00 .	0 0.00 .	4 44.44
	Total	2 22.22	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	0 0.00	9 100.00

Are there additional formal or legal requirements for this occupation

diploma (full educational programme)

Frequency Percent Col Pct	L121_1	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	1	0 0.00 .	0 0.00 .	0 0.00 .	1 100.00 100.00	0 0.00 .	0 0.00 .	0 0.00 .	1 100.00
	Total	0 0.00	0 0.00	0 0.00	1 100.00	0 0.00	0 0.00	0 0.00	1 100.00

other

Frequency Percent Col Pct	L121_4	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	1	1 33.33 100.00	1 33.33 100.00	0 0.00 .	0 0.00 .	1 33.33 100.00	0 0.00 .	0 0.00 .	3 100.00
	Total	1 33.33	1 33.33	0 0.00	0 0.00	1 33.33	0 0.00	0 0.00	3 100.00

How are the additional *diploma requirements* established/laid down?

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Frequency / Percent / Col Pct	Table of L73 by COUNTRY							
L73	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Law or legal requirement	0 0.00 .	0 0.00 .	0 0.00 .	1 100.00 100.00	0 0.00 .	0 0.00 .	0 0.00 .	1 100.00
Total	0 0.00	0 0.00	0 0.00	1 100.00	0 0.00	0 0.00	0 0.00	1 100.00

How are the additional *certification (training/course) requirements* established/laid down?

Frequency / Percent / Col Pct	Table of L75 by COUNTRY							
L75	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Branch or industry	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 0.00	1 50.00 100.00	0 0.00 .	0 0.00 .	1 50.00
Other	0 0.00 .	0 0.00 .	0 0.00 .	1 50.00 100.00	0 0.00 0.00	0 0.00 .	0 0.00 .	1 50.00
Total	0 0.00	0 0.00	0 0.00	1 50.00	1 50.00	0 0.00	0 0.00	2 100.00

How are the additional *professional code or protocol requirements* established/laid down?

Frequency / Percent / Col Pct	Table of L79 by COUNTRY							
L79	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Law or legal requirement	1 33.33 100.00	1 33.33 100.00	0 0.00 .	0 0.00 .	1 33.33 100.00	0 0.00 .	0 0.00 .	3 100.00
Total	1 33.33	1 33.33	0 0.00	0 0.00	1 33.33	0 0.00	0 0.00	3 100.00

Relevance of the competencies mentioned below for this occupation

Frequency / Percent / Col Pct	Initiating action							
L86	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	

Major	0 0.00 0.00	0 0.00 0.00	1 10.00 33.33	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	0 0.00 .	2 20.00
Not at all	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	0 0.00 .	2 20.00
Some	1 10.00 50.00	1 10.00 100.00	2 20.00 66.67	1 10.00 100.00	1 10.00 50.00	0 0.00 0.00	0 0.00 .	6 60.00
Total	2 20.00	1 10.00	3 30.00	1 10.00	2 20.00	1 10.00	0 0.00	10 100.00

Frequency
Percent
Col Pct

Instructing co-workers

L87	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Not at all	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	0 0.00 .	2 20.00
Some	2 20.00 100.00	0 0.00 0.00	3 30.00 100.00	1 10.00 100.00	2 20.00 100.00	0 0.00 0.00	0 0.00 .	8 80.00
Total	2 20.00	1 10.00	3 30.00	1 10.00	2 20.00	1 10.00	0 0.00	10 100.00

Frequency
Percent
Col Pct

Supervising

L88	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Not at all	2 20.00 100.00	1 10.00 100.00	0 0.00 0.00	0 0.00 0.00	2 20.00 100.00	1 10.00 100.00	0 0.00 .	6 60.00
Some	0 0.00 0.00	0 0.00 0.00	3 30.00 100.00	1 10.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	4 40.00
Total	2 20.00	1 10.00	3 30.00	1 10.00	2 20.00	1 10.00	0 0.00	10 100.00

Frequency
Percent

Co-operating with colleagues

L89	**COUNTRY**	**Total**

Col Pct		UK	belgium	espagna	france	germany	netherl	poland	
	Major	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 20.00 100.00	0 0.00 0.00	0 0.00 .	3 30.00
	Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	0 0.00 .	1 10.00
	Some	1 10.00 50.00	1 10.00 100.00	3 30.00 100.00	1 10.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	6 60.00
	Total	2 20.00	1 10.00	3 30.00	1 10.00	2 20.00	1 10.00	0 0.00	10 100.00

Frequency Percent Col Pct		Communicating							
	L90	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 10.00
	Not at all	0 0.00 0.00	0 0.00 0.00	1 10.00 33.33	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	0 0.00 .	2 20.00
	Some	1 10.00 50.00	1 10.00 100.00	2 20.00 66.67	1 10.00 100.00	2 20.00 100.00	0 0.00 0.00	0 0.00 .	7 70.00
	Total	2 20.00	1 10.00	3 30.00	1 10.00	2 20.00	1 10.00	0 0.00	10 100.00

Frequency Percent Col Pct		Relating and networking							
	L91	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Not at all	2 20.00 100.00	1 10.00 100.00	3 30.00 100.00	0 0.00 0.00	2 20.00 100.00	1 10.00 100.00	0 0.00 .	9 90.00
	Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 10.00
	Total	2 20.00	1 10.00	3 30.00	1 10.00	2 20.00	1 10.00	0 0.00	10 100.00

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Negotiating

Frequency / Percent / Col Pct	L92	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Not at all	2	1	3	0	1	1	0	8
		20.00	10.00	30.00	0.00	10.00	10.00	0.00	80.00
		100.00	100.00	100.00	0.00	50.00	100.00	.	
	Some	0	0	0	1	1	0	0	2
		0.00	0.00	0.00	10.00	10.00	0.00	0.00	20.00
		0.00	0.00	0.00	100.00	50.00	0.00	.	
	Total	2	1	3	1	2	1	0	10
		20.00	10.00	30.00	10.00	20.00	10.00	0.00	100.00

Reporting

Frequency / Percent / Col Pct	L93	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Not at all	1	0	1	0	1	1	0	4
		10.00	0.00	10.00	0.00	10.00	10.00	0.00	40.00
		50.00	0.00	33.33	0.00	50.00	100.00	.	
	Some	1	1	2	1	1	0	0	6
		10.00	10.00	20.00	10.00	10.00	0.00	0.00	60.00
		50.00	100.00	66.67	100.00	50.00	0.00	.	
	Total	2	1	3	1	2	1	0	10
		20.00	10.00	30.00	10.00	20.00	10.00	0.00	100.00

Applying know-how, professional expertise

Frequency / Percent / Col Pct	L94	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	2	1	1	0	2	0	0	6
		22.22	11.11	11.11	0.00	22.22	0.00	0.00	66.67
		100.00	100.00	33.33	0.00	100.00	.	.	
	Some	0	0	2	1	0	0	0	3
		0.00	0.00	22.22	11.11	0.00	0.00	0.00	33.33
		0.00	0.00	66.67	100.00	0.00	.	.	
	Total	2	1	3	1	2	0	0	9
		22.22	11.11	33.33	11.11	22.22	0.00	0.00	100.00

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Problem solving

Frequency / Percent / Col Pct	L95	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	0 0.00 0.00	0 0.00 0.00	1 10.00 33.33	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 10.00
	Not at all	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	0 0.00 .	2 20.00
	Some	1 10.00 50.00	1 10.00 100.00	2 20.00 66.67	1 10.00 100.00	2 20.00 100.00	0 0.00 0.00	0 0.00 .	7 70.00
	Total	2 20.00	1 10.00	3 30.00	1 10.00	2 20.00	1 10.00	0 0.00	10 100.00

Developing new procedures and working methods

Frequency / Percent / Col Pct	L96	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	0 0.00 0.00	0 0.00 0.00	1 10.00 33.33	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 10.00
	Not at all	2 20.00 100.00	1 10.00 100.00	1 10.00 33.33	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	0 0.00 .	5 50.00
	Some	0 0.00 0.00	0 0.00 0.00	1 10.00 33.33	1 10.00 100.00	2 20.00 100.00	0 0.00 0.00	0 0.00 .	4 40.00
	Total	2 20.00	1 10.00	3 30.00	1 10.00	2 20.00	1 10.00	0 0.00	10 100.00

Forming strategies

Frequency / Percent / Col Pct	L97	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Not at all	2 22.22 100.00	1 11.11 100.00	3 33.33 100.00	0 0.00 0.00	2 22.22 100.00	0 0.00 .	0 0.00 .	8 88.89
	Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11 100.00	0 0.00 0.00	0 0.00 .	0 0.00 .	1 11.11

Total	2	1	3	1	2	0	0	9
	22.22	11.11	33.33	11.11	22.22	0.00	0.00	100.00

Frequency Percent Col Pct	Planning and organising							
L98	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0	0	0	0	2	0	0	2
	0.00	0.00	0.00	0.00	22.22	0.00	0.00	22.22
	0.00	0.00	0.00	0.00	100.00	.	.	
Not at all	1	0	3	0	0	0	0	4
	11.11	0.00	33.33	0.00	0.00	0.00	0.00	44.44
	50.00	0.00	100.00	0.00	0.00	.	.	
Some	1	1	0	1	0	0	0	3
	11.11	11.11	0.00	11.11	0.00	0.00	0.00	33.33
	50.00	100.00	0.00	100.00	0.00	.	.	
Total	2	1	3	1	2	0	0	9
	22.22	11.11	33.33	11.11	22.22	0.00	0.00	100.00

Frequency Percent Col Pct	Following instructions and procedures							
L99	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	2	1	1	0	0	0	0	4
	22.22	11.11	11.11	0.00	0.00	0.00	0.00	44.44
	100.00	100.00	33.33	0.00	0.00	.	.	
Some	0	0	2	1	2	0	0	5
	0.00	0.00	22.22	11.11	22.22	0.00	0.00	55.56
	0.00	0.00	66.67	100.00	100.00	.	.	
Total	2	1	3	1	2	0	0	9
	22.22	11.11	33.33	11.11	22.22	0.00	0.00	100.00

Frequency Percent Col Pct	Dealing with contingencies							
L100	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0	0	1	0	0	0	0	1
	0.00	0.00	10.00	0.00	0.00	0.00	0.00	10.00
	0.00	0.00	33.33	0.00	0.00	0.00	.	
Not at all	1	0	0	0	0	1	0	2
	10.00	0.00	0.00	0.00	0.00	10.00	0.00	20.00

	50.00	0.00	0.00	0.00	0.00	100.00	.	
Some	1 10.00 50.00	1 10.00 100.00	2 20.00 66.67	1 10.00 100.00	2 20.00 100.00	0 0.00 0.00	0 0.00 .	7 70.00
Total	2 20.00	1 10.00	3 30.00	1 10.00	2 20.00	1 10.00	0 0.00	10 100.00

Frequency
Percent
Col Pct

Coping with stressful situations

L101	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Not at all	0 0.00 0.00	0 0.00 0.00	3 30.00 100.00	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	0 0.00 .	4 40.00
Some	2 20.00 100.00	1 10.00 100.00	0 0.00 0.00	1 10.00 100.00	2 20.00 100.00	0 0.00 0.00	0 0.00 .	6 60.00
Total	2 20.00	1 10.00	3 30.00	1 10.00	2 20.00	1 10.00	0 0.00	10 100.00

Frequency
Percent
Col Pct

Commercial thinking

L102	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	0 0.00 .	1 10.00
Not at all	2 20.00 100.00	0 0.00 0.00	2 20.00 66.67	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	0 0.00 .	5 50.00
Some	0 0.00 0.00	1 10.00 100.00	1 10.00 33.33	1 10.00 100.00	1 10.00 50.00	0 0.00 0.00	0 0.00 .	4 40.00
Total	2 20.00	1 10.00	3 30.00	1 10.00	2 20.00	1 10.00	0 0.00	10 100.00

Do you expect the size of this occupation (how many people are working in the occupation) to decline, increase or remain stable in the next 5 years?

Frequency

Table of L111 by COUNTRY

Percent Col Pct	L111	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Increase	0 0.00 0.00	0 0.00 0.00	3 33.33 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 .	3 33.33
	Stable	2 22.22 100.00	1 11.11 100.00	0 0.00 0.00	1 11.11 100.00	2 22.22 100.00	0 0.00 .	0 0.00 .	6 66.67
	Total	2 22.22	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	0 0.00	9 100.00

In general most tasks were performed daily in most countries (a lot of indicated in questionnaire tasks in DE were not performed). Competent performance of almost all tasks was important in countries UK, BE, ES. Here is a short summary of the tasks characteristics in all countries (UK, BE, ES, FR, DE):

1. Slaughter animals. – daily in BE, ES, FR, never – UK, DE, competence performance is important in BE, ES
2. Prepare carcasses for cutting, e.g. by cleaning and removing parts (organs, skin, feathers, bones, etc.). – daily in most countries, DE – never, competence performance is important in UK, BE, ES
3. Cut carcasses for further processing. - daily in most countries, DE – never, competence performance is important in UK, BE, ES
4. Separate meat and by-products. - daily in most countries, DE – never, competence performance is important in UK, BE, ES
5. Inspect meat products for defects, bruises or blemishes and remove them along with any excess fat. - daily in most countries, DE – never, competence performance is important in UK, BE, ES
6. Process prime parts into cuts that are ready for retail use, e.g. using knives, cleavers, meat saws, bandsaws or other equipment. - daily in most countries, DE – daily or never, competence performance is important in UK, BE, ES, DE
7. Pack final products. - daily in all countries, competence performance is important in UK, ES, DE,
8. Check products to ensure they are up to standards. - daily in all countries, competence performance is important in most countries besides FR
9. Monitor machines and equipment, and adjust if necessary. - daily in all countries, competence performance is important in UK, ES, DE
10. Maintain and clean machines used in meat preparing process. - daily in all countries, , competence performance is important in BE, UK, ES, DE

Additional formal or legal requirements for this occupation were required in all countries, besides ES.

Countries differ (between and within) much as far as reported required competences are concerned. Most competences were some or not important in most countries, only in PL almost all competences were important. Below importance of the competences for each country are presented (UK, BE, ES, FR, DE, NL):

Initiating action – important in ES, DE countries, UK, NL – not at all, rest countries - some
Instructing co-workers – some importance in most countries (BE, NL - major)
Supervising – not at all in most countries (ES, FR– some)
Co-operating with colleagues – some importance in most countries (DE – major, NL – not at all)
Communicating – some importance in most countries (UK – major, NL – not at all)
Relating and networking – most countries – not at all (FR – some)
Negotiating – most countries – not at all (FR – some
Reporting – most countries – some (NL – not at all, one expert in UK, ES, DE – not at all)
Applying know-how, professional expertise – important in all countries
Problem solving – all countries some important (NL – not at all)
Developing new procedures and working methods – most countries – some or not at all (one expert in ES – major)
Forming strategies – not important in most countries except FR
Planning and organising – not important in ES, major - DE
Following instructions and procedures – important UK, BE, ES, rest – some important
Dealing with contingencies – most countries some important (NL – not at all)
Coping with stressful situations – most countries some important, ES, NL – not at all
Commercial thinking – not important in most countries only in DE important

The expectation in ES is that the size of the occupation increase, rest countries – remain stable.

3.12. Occupation Metal molder or metal molding machine setter-operator

The task list:

1. Plan and set up the sequence of operations according to blueprints, layouts or other instructions.
2. Select equipment, e.g. mould boxes, core boxes, cores, patterns, moulding sands, etc., according to the job requirements.
3. Prepare the moulds for pouring with metal.
4. Load or stack filled moulds, e.g. in ovens, dryers, curing boxes or on storage racks or carts.
5. Operate heating equipment, e.g. to melt material or to cure, dry or bake filled moulds.
6. Monitor the machinery during its operation.

7. Check the completed work using precision measuring instruments such as micrometers, gauges, etc.
8. Finish the work, e.g. by removing excess material, levelling and smoothing wet mould mixtures.
9. Clean and maintain work area, tools and equipment used in the moulding process.

How frequently the task is performed (never or on a daily, weekly, monthly or yearly basis)?

Frequency / Percent / Col Pct	Plan and set up the sequence of operations according to blueprints, layouts or other instructions						
L27	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Daily	0 0.00 0.00	2 22.22 66.67	1 11.11 100.00	0 0.00 0.00	0 0.00 .	2 22.22 100.00	5 55.56
Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 22.22 100.00	0 0.00 .	0 0.00 0.00	2 22.22
Weekly	1 11.11 100.00	1 11.11 33.33	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	2 22.22
Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

Frequency / Percent / Col Pct	Select equipment, e.g. mould boxes, core boxes, cores, patterns, moulding sands, etc., according to the job requirements						
L28	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Daily	0 0.00 0.00	2 22.22 66.67	1 11.11 100.00	2 22.22 100.00	0 0.00 .	2 22.22 100.00	7 77.78
Weekly	1 11.11 100.00	1 11.11 33.33	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	2 22.22
Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

Frequency / Percent / Col Pct	Prepare the moulds for pouring with metal						
L29	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	

Daily	1 11.11 100.00	3 33.33 100.00	1 11.11 100.00	2 22.22 100.00	0 0.00 .	2 22.22 100.00	9 100.00
Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

Frequency Percent Col Pct	Load or stack filled moulds, e.g. in ovens, dryers, curing boxes or on storage racks or carts						
L30	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	1 11.11 100.00	3 33.33 100.00	1 11.11 100.00	2 22.22 100.00	0 0.00 .	2 22.22 100.00	9 100.00
Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

Frequency Percent Col Pct	Operate heating equipment, e.g. to melt material or to cure, dry or bake filled moulds						
L31	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	1 11.11 100.00	3 33.33 100.00	1 11.11 100.00	2 22.22 100.00	0 0.00 .	0 0.00 0.00	7 77.78
Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	2 22.22 100.00	2 22.22
Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

Frequency Percent Col Pct	Monitor the machinery during its operation						
L32	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	1 11.11 100.00	3 33.33 100.00	1 11.11 100.00	2 22.22 100.00	0 0.00 .	2 22.22 100.00	9 100.00
Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

Frequency / Percent / Col Pct	Check the completed work using precision measuring instruments such as micrometers, gauges, etc						
L33	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Daily	0 0.00 0.00	3 33.33 100.00	1 11.11 100.00	2 22.22 100.00	0 0.00 .	2 22.22 100.00	8 88.89
Weekly	1 11.11 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	1 11.11
Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

Frequency / Percent / Col Pct	Finish the work, e.g. by removing excess material, levelling and smoothing wet mould mixtures						
L34	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Daily	1 12.50 100.00	3 37.50 100.00	1 12.50 100.00	1 12.50 100.00	0 0.00 .	2 25.00 100.00	8 100.00
Total	1 12.50	3 37.50	1 12.50	1 12.50	0 0.00	2 25.00	8 100.00

Frequency / Percent / Col Pct	Clean and maintain work area, tools and equipment used in the moulding process						
L35	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Daily	0 0.00 0.00	2 25.00 100.00	1 12.50 100.00	2 25.00 100.00	0 0.00 .	2 25.00 100.00	7 87.50
Weekly	1 12.50 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	1 12.50
Total	1 12.50	2 25.00	1 12.50	2 25.00	0 0.00	2 25.00	8 100.00

How important is competent performance of this task in this occupation?

Frequency / Percent	Plan and set up the sequence of operations according to blueprints, layouts or other instructions.		
L40	COUNTRY		Total

Col Pct		UK	espagna	france	germany	netherl	poland	
Major		1	2	1	0	0	1	5
		14.29	28.57	14.29	0.00	0.00	14.29	71.43
		100.00	66.67	100.00	.	.	50.00	
Some		0	1	0	0	0	1	2
		0.00	14.29	0.00	0.00	0.00	14.29	28.57
		0.00	33.33	0.00	.	.	50.00	
Total		1	3	1	0	0	2	7
		14.29	42.86	14.29	0.00	0.00	28.57	100.00

Frequency Percent Col Pct		Select equipment, e.g. mould boxes, core boxes, cores, patterns, moulding sands, etc., according to the job requirements						
L41		COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
Major		1	2	1	2	0	2	8
		11.11	22.22	11.11	22.22	0.00	22.22	88.89
		100.00	66.67	100.00	100.00	.	100.00	
Some		0	1	0	0	0	0	1
		0.00	11.11	0.00	0.00	0.00	0.00	11.11
		0.00	33.33	0.00	0.00	.	0.00	
Total		1	3	1	2	0	2	9
		11.11	33.33	11.11	22.22	0.00	22.22	100.00

Frequency Percent Col Pct		Prepare the moulds for pouring with metal						
L42		COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
Major		1	3	1	2	0	2	9
		11.11	33.33	11.11	22.22	0.00	22.22	100.00
		100.00	100.00	100.00	100.00	.	100.00	
Total		1	3	1	2	0	2	9
		11.11	33.33	11.11	22.22	0.00	22.22	100.00

Frequency Percent Col Pct		Load or stack filled moulds, e.g. in ovens, dryers, curing boxes or on storage racks or carts.						
L43		COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
Major		1	2	1	2	0	2	8
		11.11	22.22	11.11	22.22	0.00	22.22	88.89
		100.00	66.67	100.00	100.00	.	100.00	

Some	0 0.00 0.00	1 11.11 33.33	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	1 11.11
Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

Operate heating equipment, e.g. to melt material or to cure, dry or bake filled moulds. - daily in most countries

Frequency Percent Col Pct	L44	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Major	1 14.29 100.00	2 28.57 66.67	1 14.29 100.00	2 28.57 100.00	0 0.00 .	0 0.00 .	6 85.71
	Some	0 0.00 0.00	1 14.29 33.33	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 .	1 14.29
	Total	1 14.29	3 42.86	1 14.29	2 28.57	0 0.00	0 0.00	7 100.00

Monitor the machinery during its operation

Frequency Percent Col Pct	L45	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Major	1 11.11 100.00	3 33.33 100.00	1 11.11 100.00	2 22.22 100.00	0 0.00 .	2 22.22 100.00	9 100.00
	Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

Check the completed work using precision measuring instruments such as micrometers, gauges, etc.

Frequency Percent Col Pct	L46	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Major	1 11.11 100.00	1 11.11 33.33	1 11.11 100.00	2 22.22 100.00	0 0.00 .	2 22.22 100.00	7 77.78
	Some	0 0.00 0.00	2 22.22 66.67	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	2 22.22
	Total	1	3	1	2	0	2	9

	11.11	33.33	11.11	22.22	0.00	22.22	100.00

Frequency / Percent / Col Pct	Finish the work, e.g. by removing excess material, levelling and smoothing wet mould mixtures.						
L47	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 11.11 100.00	0 0.00 0.00	0 0.00 0.00	2 22.22 100.00	0 0.00 .	2 22.22 100.00	5 55.56
Some	0 0.00 0.00	3 33.33 100.00	1 11.11 100.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	4 44.44
Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

Frequency / Percent / Col Pct	Clean and maintain work area, tools and equipment used in the moulding process. - daily in most countries						
L48	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	1 11.11 100.00	2 22.22 100.00	0 0.00 .	1 11.11 50.00	4 44.44
Some	1 11.11 100.00	3 33.33 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 11.11 50.00	5 55.56
Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

Relevance of the competencies mentioned below for this occupation

Frequency / Percent / Col Pct	Initiating action						
L86	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	1 10.00 33.33	0 0.00 0.00	2 20.00 100.00	0 0.00 0.00	0 0.00 0.00	3 30.00
Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	1 10.00 50.00	2 20.00
Some	1	2	1	0	0	1	5

	10.00 100.00	20.00 66.67	10.00 100.00	0.00 0.00	0.00 0.00	10.00 50.00	50.00
Total	1 10.00	3 30.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency Percent Col Pct	Instructing co-workers						
L87	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 20.00 100.00	2 20.00
Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	1 10.00
Some	1 10.00 100.00	3 30.00 100.00	1 10.00 100.00	2 20.00 100.00	0 0.00 0.00	0 0.00 0.00	7 70.00
Total	1 10.00	3 30.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency Percent Col Pct	Supervising						
L88	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Not at all	1 10.00 100.00	0 0.00 0.00	1 10.00 100.00	2 20.00 100.00	1 10.00 100.00	2 20.00 100.00	7 70.00
Some	0 0.00 0.00	3 30.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	3 30.00
Total	1 10.00	3 30.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency Percent Col Pct	Co-operating with colleagues						
L89	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 10.00 100.00	0 0.00 0.00	0 0.00 0.00	2 20.00 100.00	0 0.00 0.00	2 20.00 100.00	5 50.00

Not at all	0 0.00 0.00	1 10.00 33.33	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	2 20.00
Some	0 0.00 0.00	2 20.00 66.67	1 10.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	3 30.00
Total	1 10.00	3 30.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency
Percent
Col Pct

Communicating

L90	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 20.00 100.00	2 20.00
Not at all	0 0.00 0.00	1 10.00 33.33	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	2 20.00
Some	1 10.00 100.00	2 20.00 66.67	1 10.00 100.00	2 20.00 100.00	0 0.00 0.00	0 0.00 0.00	6 60.00
Total	1 10.00	3 30.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency
Percent
Col Pct

Relating and networking

L91	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 20.00 100.00	2 20.00
Not at all	1 10.00 100.00	3 30.00 100.00	1 10.00 100.00	2 20.00 100.00	1 10.00 100.00	0 0.00 0.00	8 80.00
Total	1 10.00	3 30.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency
Percent

Negotiating

L92	**COUNTRY**	**Total**

Col Pct		UK	espagna	france	germany	netherl	poland	
	Not at all	1 10.00 100.00	3 30.00 100.00	1 10.00 100.00	2 20.00 100.00	1 10.00 100.00	2 20.00 100.00	10 100.00
	Total	1 10.00	3 30.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency Percent Col Pct		Reporting						
	L93	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 20.00 100.00	2 20.00
	Not at all	1 10.00 100.00	2 20.00 66.67	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	4 40.00
	Some	0 0.00 0.00	1 10.00 33.33	1 10.00 100.00	2 20.00 100.00	0 0.00 0.00	0 0.00 0.00	4 40.00
	Total	1 10.00	3 30.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency Percent Col Pct		Applying know-how, professional expertise						
	L94	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Major	1 12.50 100.00	1 12.50 33.33	1 12.50 100.00	2 25.00 100.00	0 0.00 .	1 12.50 100.00	6 75.00
	Some	0 0.00 0.00	2 25.00 66.67	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	2 25.00
	Total	1 12.50	3 37.50	1 12.50	2 25.00	0 0.00	1 12.50	8 100.00

Frequency Percent Col Pct		Problem solving						
	L95	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Major	0	1	1	1	0	2	5

	0.00 0.00	10.00 33.33	10.00 100.00	10.00 50.00	0.00 0.00	20.00 100.00	50.00
Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	1 10.00
Some	1 10.00 100.00	2 20.00 66.67	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	4 40.00
Total	1 10.00	3 30.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency
Percent
Col Pct

Developing new procedures and working methods

L96	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Not at all	1 10.00 100.00	2 20.00 66.67	0 0.00 0.00	1 10.00 50.00	1 10.00 100.00	2 20.00 100.00	7 70.00
Some	0 0.00 0.00	1 10.00 33.33	1 10.00 100.00	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	3 30.00
Total	1 10.00	3 30.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency
Percent
Col Pct

Forming strategies

L97	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Not at all	1 11.11 100.00	3 33.33 100.00	1 11.11 100.00	2 22.22 100.00	0 0.00 .	2 22.22 100.00	9 100.00
Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

Frequency
Percent
Col Pct

Planning and organising

L98	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 11.11 100.00	0 0.00 0.00	1 11.11 100.00	2 22.22 100.00	0 0.00 .	0 0.00 0.00	4 44.44

Not at all	0 0.00 0.00	3 33.33 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	2 22.22 100.00	5 55.56
Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

Frequency Percent Col Pct	Following instructions and procedures						
L99	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 11.11 100.00	1 11.11 33.33	1 11.11 100.00	0 0.00 0.00	0 0.00 .	2 22.22 100.00	5 55.56
Some	0 0.00 0.00	2 22.22 66.67	0 0.00 0.00	2 22.22 100.00	0 0.00 .	0 0.00 0.00	4 44.44
Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

Frequency Percent Col Pct	Dealing with contingencies						
L100	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	1 10.00
Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	1 10.00
Some	1 10.00 100.00	3 30.00 100.00	1 10.00 100.00	2 20.00 100.00	0 0.00 0.00	1 10.00 50.00	8 80.00
Total	1 10.00	3 30.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency Percent Col Pct	Coping with stressful situations						
L101	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	1 10.00	1 10.00

	0.00	0.00	0.00	0.00	0.00	50.00	
Not at all	1 10.00 100.00	3 30.00 100.00	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	5 50.00
Some	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	2 20.00 100.00	0 0.00 0.00	1 10.00 50.00	4 40.00
Total	1 10.00	3 30.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency **Percent** **Col Pct**	Commercial thinking						
L102	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Not at all	1 10.00 100.00	3 30.00 100.00	1 10.00 100.00	1 10.00 50.00	1 10.00 100.00	2 20.00 100.00	9 90.00
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	1 10.00
Total	1 10.00	3 30.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Do you expect the size of this occupation (how many people are working in the occupation) to decline, increase or remain stable in the next 5 years?

Frequency **Percent** **Col Pct**	**Table of L111 by COUNTRY**						
L111	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Decline	1 11.11 100.00	0 0.00 0.00	1 11.11 100.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	2 22.22
Increase	0 0.00 0.00	1 11.11 33.33	0 0.00 0.00	0 0.00 0.00	0 0.00 .	2 22.22 100.00	3 33.33
Stable	0 0.00 0.00	2 22.22 66.67	0 0.00 0.00	2 22.22 100.00	0 0.00 .	0 0.00 0.00	4 44.44
Total	1 11.11	3 33.33	1 11.11	2 22.22	0 0.00	2 22.22	9 100.00

In general most tasks were performed daily in most countries. Competent performance of almost all tasks was important in countries UK, BE, ES. Here is a short summary of the tasks characteristics in all countries (UK, ES, FR, DE, PL):

1. Plan and set up the sequence of operations according to blueprints, layouts or other instructions. – daily or weekly in most countries (DE – never), competent performance is important in all countries
2. Select equipment, e.g. mould boxes, core boxes, cores, patterns, moulding sands, etc., according to the job requirements. – daily in most countries, UK weekly, competent performance is important in all countries
3. Prepare the moulds for pouring with metal. – daily in all countries, competent performance is important in all countries
4. Load or stack filled moulds, e.g. in ovens, dryers, curing boxes or on storage racks or carts. - daily in all countries, competent performance is important in all countries
5. Operate heating equipment, e.g. to melt material or to cure, dry or bake filled moulds. - daily in most countries, PL – never, competent performance is important in all countries
6. Monitor the machinery during its operation. - daily in all countries, competent performance is important in all countries
7. Check the completed work using precision measuring instruments such as micrometers, gauges, etc. - daily in most countries, UK weekly, competent performance is important in all countries
8. Finish the work, e.g. by removing excess material, levelling and smoothing wet mould mixtures. - daily in all countries, competent performance is important in all countries (ES, FR – some)
9. Clean and maintain work area, tools and equipment used in the moulding process. - daily in most countries, UK weekly, competent performance is important in all countries (ES, FR – some)

There are no additional formal or legal requirements for this occupation.

Countries differ (between and within) much as far as reported required competences are concerned. A lot of competences were some or not important in most countries, only in PL many competences were important. Below importance of the competences for each country are presented (UK, ES, FR, DE, NL, PL):

Initiating action – important in DE, in NL, PL – not at all, UK, ES, FR - some
Instructing co-workers – some importance in most countries (PL – major, NL – not at all)
Supervising – not at all in most countries (ES – some)
Co-operating with colleagues – some importance in ES, FR, major – UK, DE, PL, not at all - NL
Communicating – some importance in most countries (PL – major, ES, NL – not at all)

Relating and networking – most countries – not at all (PL – major)
Negotiating – all countries – not at all
Reporting – NL, ES, UK – not at all, FR, De – some, PL - major
Applying know-how, professional expertise – important in all countries
Problem solving – all countries important (NL – not at all)
Developing new procedures and working methods – not important in most countries except FR
Forming strategies – not important in allcountries
Planning and organising – not important in ES, PL, major – UK, FR, DE
Following instructions and procedures – important UK, FR, PL, rest – some important
Dealing with contingencies – most countries some important
Coping with stressful situations – some important FR DE, not at all – UK, ES, NL, major - PL
Commercial thinking – not important in all countries

The expectation in PL is that the size of the occupation increase, ES, DE – remain stable, UK, FR - decline

3.13. Occupation Metal production process operator

The task list:

1. Plan and set up the sequence of operations according to blueprints, layouts or other instructions.
2. Determine setup procedures and select machine dies and parts according to specifications.
3. Load (, unload and reload) the machines with the items to be treated.
4. Operate machines, e.g. set controls to regulate vacuum, air pressure, sizing rings and temperature.
5. Monitor machine operation, e.g. to detect defects or machine malfunctions.
6. Adjust machines as necessary (e.g. speed or feed), for example in case of defects, malfunctioning, or to alter products.
7. Examine completed work by comparing with specified tolerance limits using micrometers, gauges and other precision measuring instruments.
8. Reel extruded products into rolls of specified lengths and weights.
9. Maintain and make minor repairs to the machines.
10. Prepare the machines for repair.

How frequently the task is performed (never or on a daily, weekly, monthly or yearly basis)?

Frequency		Plan and set up the sequence of operations according to blueprints, layouts or other

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Percent / Col Pct		instructions							
L27		COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
Daily		1 9.09 100.00	1 9.09 100.00	2 18.18 66.67	0 0.00 .	2 18.18 100.00	2 18.18 100.00	2 18.18 100.00	10 90.91
Weekly		0 0.00 0.00	0 0.00 0.00	1 9.09 33.33	0 0.00 .	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09
Total		1 9.09	1 9.09	3 27.27	0 0.00	2 18.18	2 18.18	2 18.18	11 100.00

Frequency / Percent / Col Pct		Determine setup procedures and select machine dies and parts according to specifications							
L28		COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
Daily		1 8.33 100.00	1 8.33 100.00	2 16.67 66.67	1 8.33 100.00	2 16.67 100.00	1 8.33 50.00	2 16.67 100.00	10 83.33
Weekly		0 0.00 0.00	0 0.00 0.00	1 8.33 33.33	0 0.00 0.00	0 0.00 0.00	1 8.33 50.00	0 0.00 0.00	2 16.67
Total		1 8.33	1 8.33	3 25.00	1 8.33	2 16.67	2 16.67	2 16.67	12 100.00

Frequency / Percent / Col Pct		Load (, unload and reload) the machines with the items to be treated							
L29		COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
Daily		1 8.33 100.00	1 8.33 100.00	2 16.67 66.67	1 8.33 100.00	2 16.67 100.00	2 16.67 100.00	2 16.67 100.00	11 91.67
Weekly		0 0.00 0.00	0 0.00 0.00	1 8.33 33.33	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33
Total		1 8.33	1 8.33	3 25.00	1 8.33	2 16.67	2 16.67	2 16.67	12 100.00

Frequency		Operate machines, e.g. set controls to regulate vacuum, air pressure, sizing rings and temperature

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Percent / Col Pct	L30	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Daily	1 8.33 100.00	1 8.33 100.00	3 25.00 100.00	1 8.33 100.00	1 8.33 50.00	2 16.67 100.00	2 16.67 100.00	11 91.67
	Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33 50.00	0 0.00 0.00	0 0.00 0.00	1 8.33
	Total	1 8.33	1 8.33	3 25.00	1 8.33	2 16.67	2 16.67	2 16.67	12 100.00

Frequency / Percent / Col Pct	. Monitor machine operation, e.g. to detect defects or machine malfunctions								
	L31	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Daily	1 8.33 100.00	1 8.33 100.00	3 25.00 100.00	1 8.33 100.00	1 8.33 50.00	2 16.67 100.00	2 16.67 100.00	11 91.67
	Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33 50.00	0 0.00 0.00	0 0.00 0.00	1 8.33
	Total	1 8.33	1 8.33	3 25.00	1 8.33	2 16.67	2 16.67	2 16.67	12 100.00

Frequency / Percent / Col Pct	Adjust machines as necessary (e.g. speed or feed), for example in case of defects, malfunctioning, or to alter products								
	L32	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Daily	1 8.33 100.00	1 8.33 100.00	3 25.00 100.00	1 8.33 100.00	0 0.00 0.00	1 8.33 50.00	2 16.67 100.00	9 75.00
	Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 16.67 100.00	0 0.00 0.00	0 0.00 0.00	2 16.67
	Weekly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33 50.00	0 0.00 0.00	1 8.33
	Total	1 8.33	1 8.33	3 25.00	1 8.33	2 16.67	2 16.67	2 16.67	12 100.00

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Examine completed work by comparing with specified tolerance limits using micrometers, gauges and other precision measuring instruments.

Frequency / Percent / Col Pct	L33	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Daily	1 8.33 100.00	1 8.33 100.00	3 25.00 100.00	1 8.33 100.00	2 16.67 100.00	2 16.67 100.00	2 16.67 100.00	12 100.00
	Total	1 8.33	1 8.33	3 25.00	1 8.33	2 16.67	2 16.67	2 16.67	12 100.00

Reel extruded products into rolls of specified lengths and weights

Frequency / Percent / Col Pct	L34	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Daily	1 8.33 100.00	1 8.33 100.00	3 25.00 100.00	1 8.33 100.00	2 16.67 100.00	2 16.67 100.00	1 8.33 50.00	11 91.67
	Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33 50.00	1 8.33
	Total	1 8.33	1 8.33	3 25.00	1 8.33	2 16.67	2 16.67	2 16.67	12 100.00

Maintain and make minor repairs to the machines

Frequency / Percent / Col Pct	L35	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Daily	0 0.00 0.00	0 0.00 0.00	2 16.67 66.67	1 8.33 100.00	1 8.33 50.00	1 8.33 50.00	2 16.67 100.00	7 58.33
	Monthly	0 0.00 0.00	0 0.00 0.00	1 8.33 33.33	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33
	Weekly	1 8.33 100.00	1 8.33 100.00	0 0.00 0.00	0 0.00 0.00	1 8.33 50.00	1 8.33 50.00	0 0.00 0.00	4 33.33
	Total	1 8.33	1 8.33	3 25.00	1 8.33	2 16.67	2 16.67	2 16.67	12 100.00

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Frequency / Percent / Col Pct	Prepare the machines for repair							
L36	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Daily	0 0.00 0.00	0 0.00 0.00	1 9.09 33.33	0 0.00 .	1 9.09 50.00	1 9.09 50.00	2 18.18 100.00	5 45.45
Monthly	0 0.00 0.00	0 0.00 0.00	1 9.09 33.33	0 0.00 .	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09
Weekly	1 9.09 100.00	0 0.00 0.00	1 9.09 33.33	0 0.00 .	1 9.09 50.00	1 9.09 50.00	0 0.00 0.00	4 36.36
Yearly	0 0.00 0.00	1 9.09 100.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09
Total	1 9.09	1 9.09	3 27.27	0 0.00	2 18.18	2 18.18	2 18.18	11 100.00

How important is competent performance of this task in this occupation?

Frequency / Percent / Col Pct	Plan and set up the sequence of operations according to blueprints, layouts or other instructions							
L40	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	1 8.33 100.00	1 8.33 100.00	3 25.00 100.00	1 8.33 100.00	2 16.67 100.00	2 16.67 100.00	1 8.33 50.00	11 91.67
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33 50.00	1 8.33
Total	1 8.33	1 8.33	3 25.00	1 8.33	2 16.67	2 16.67	2 16.67	12 100.00

Frequency / Percent / Col Pct	Determine setup procedures and select machine dies and parts according to specifications							
L41	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	1 8.33 100.00	1 8.33 100.00	3 25.00 100.00	1 8.33 100.00	2 16.67 100.00	2 16.67 100.00	2 16.67 100.00	12 100.00
Total	1	1	3	1	2	2	2	12

	8.33	8.33	25.00	8.33	16.67	16.67	16.67	100.00

Frequency Percent Col Pct	Load (, unload and reload) the machines with the items to be treated							
L42	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	1 8.33 100.00	1 8.33 100.00	0 0.00 0.00	0 0.00 0.00	2 16.67 100.00	1 8.33 50.00	2 16.67 100.00	7 58.33
Some	0 0.00 0.00	0 0.00 0.00	3 25.00 100.00	1 8.33 100.00	0 0.00 0.00	1 8.33 50.00	0 0.00 0.00	5 41.67
Total	1 8.33	1 8.33	3 25.00	1 8.33	2 16.67	2 16.67	2 16.67	12 100.00

Frequency Percent Col Pct	Operate machines, e.g. set controls to regulate vacuum, air pressure, sizing rings and temperature.							
L43	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	1 9.09 100.00	1 9.09 100.00	3 27.27 100.00	1 9.09 100.00	1 9.09 100.00	2 18.18 100.00	2 18.18 100.00	11 100.00
Total	1 9.09	1 9.09	3 27.27	1 9.09	1 9.09	2 18.18	2 18.18	11 100.00

Frequency Percent Col Pct	Monitor machine operation, e.g. to detect defects or machine malfunctions. - daily in all countries							
L44	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	1 9.09 100.00	1 9.09 100.00	2 18.18 66.67	1 9.09 100.00	1 9.09 100.00	2 18.18 100.00	2 18.18 100.00	10 90.91
Some	0 0.00 0.00	0 0.00 0.00	1 9.09 33.33	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09
Total	1 9.09	1 9.09	3 27.27	1 9.09	1 9.09	2 18.18	2 18.18	11 100.00

Frequency	Adjust machines as necessary (e.g. speed or feed), for example in case of defects,

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malfunctioning, or to alter products

Percent / Col Pct	L45	UK	belgium	espagna	france	germany	netherl	poland	Total
	Major	1	1	3	1	0	2	2	10
		10.00	10.00	30.00	10.00	0.00	20.00	20.00	100.00
		100.00	100.00	100.00	100.00	.	100.00	100.00	
	Total	1	1	3	1	0	2	2	10
		10.00	10.00	30.00	10.00	0.00	20.00	20.00	100.00

Examine completed work by comparing with specified tolerance limits using micrometers, gauges and other precision measuring instruments

Frequency / Percent / Col Pct	L46	UK	belgium	espagna	france	germany	netherl	poland	Total
	Major	1	1	1	1	2	2	2	10
		8.33	8.33	8.33	8.33	16.67	16.67	16.67	83.33
		100.00	100.00	33.33	100.00	100.00	100.00	100.00	
	Some	0	0	2	0	0	0	0	2
		0.00	0.00	16.67	0.00	0.00	0.00	0.00	16.67
		0.00	0.00	66.67	0.00	0.00	0.00	0.00	
	Total	1	1	3	1	2	2	2	12
		8.33	8.33	25.00	8.33	16.67	16.67	16.67	100.00

Reel extruded products into rolls of specified lengths and weights

Frequency / Percent / Col Pct	L47	UK	belgium	espagna	france	germany	netherl	poland	Total
	Major	1	1	1	0	2	1	0	6
		9.09	9.09	9.09	0.00	18.18	9.09	0.00	54.55
		100.00	100.00	33.33	0.00	100.00	50.00	0.00	
	Some	0	0	2	1	0	1	1	5
		0.00	0.00	18.18	9.09	0.00	9.09	9.09	45.45
		0.00	0.00	66.67	100.00	0.00	50.00	100.00	
	Total	1	1	3	1	2	2	1	11
		9.09	9.09	27.27	9.09	18.18	18.18	9.09	100.00

Maintain and make minor repairs to the machines

Frequency / Percent / Col Pct	L48	UK	belgium	espagna	france	germany	netherl	poland	Total
	Major	1	1	3	1	1	2	2	11

	8.33 100.00	8.33 100.00	25.00 100.00	8.33 100.00	8.33 50.00	16.67 100.00	16.67 100.00	91.67
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33 50.00	0 0.00 0.00	0 0.00 0.00	1 8.33
Total	1 8.33	1 8.33	3 25.00	1 8.33	2 16.67	2 16.67	2 16.67	12 100.00

Frequency **Percent** **Col Pct**	Prepare the machines for repair							
L49	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	1 8.33 33.33	0 0.00 0.00	1 8.33 50.00	1 8.33 50.00	2 16.67 100.00	5 41.67
Some	1 8.33 100.00	1 8.33 100.00	2 16.67 66.67	1 8.33 100.00	1 8.33 50.00	1 8.33 50.00	0 0.00 0.00	7 58.33
Total	1 8.33	1 8.33	3 25.00	1 8.33	2 16.67	2 16.67	2 16.67	12 100.00

Are there additional formal or legal requirements for this occupation

Frequency **Percent** **Col Pct**	certification (training / course)							
L121_2	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
1	0 0.00 .	1 50.00 100.00	0 0.00 .	0 0.00 .	0 0.00 .	1 50.00 100.00	0 0.00 .	2 100.00
Total	0 0.00	1 50.00	0 0.00	0 0.00	0 0.00	1 50.00	0 0.00	2 100.00

Relevance of the competencies mentioned below for this occupation

Frequency **Percent** **Col Pct**	Initiating action							
L86	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	1 8.33 33.33	0 0.00 0.00	2 16.67 100.00	1 8.33 50.00	2 16.67 100.00	6 50.00

Not at all	1 8.33 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33
Some	0 0.00 0.00	1 8.33 100.00	2 16.67 66.67	1 8.33 100.00	0 0.00 0.00	1 8.33 50.00	0 0.00 0.00	5 41.67
Total	1 8.33	1 8.33	3 25.00	1 8.33	2 16.67	2 16.67	2 16.67	12 100.00

Frequency
Percent
Col Pct

Instructing co-workers

L87	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33 50.00	1 8.33 50.00	2 16.67 100.00	4 33.33
Not at all	0 0.00 0.00	0 0.00 0.00	1 8.33 33.33	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33
Some	1 8.33 100.00	1 8.33 100.00	2 16.67 66.67	1 8.33 100.00	1 8.33 50.00	1 8.33 50.00	0 0.00 0.00	7 58.33
Total	1 8.33	1 8.33	3 25.00	1 8.33	2 16.67	2 16.67	2 16.67	12 100.00

Frequency
Percent
Col Pct

Supervising

L88	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33 50.00	0 0.00 0.00	1 8.33 50.00	2 16.67
Not at all	1 8.33 100.00	0 0.00 0.00	0 0.00 0.00	1 8.33 100.00	0 0.00 0.00	1 8.33 50.00	0 0.00 0.00	3 25.00
Some	0 0.00 0.00	1 8.33 100.00	3 25.00 100.00	0 0.00 0.00	1 8.33 50.00	1 8.33 50.00	1 8.33 50.00	7 58.33
Total	1 8.33	1 8.33	3 25.00	1 8.33	2 16.67	2 16.67	2 16.67	12 100.00

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Co-operating with colleagues

Frequency / Percent / Col Pct	L89	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	1 8.33 100.00	1 8.33 100.00	0 0.00 0.00	0 0.00 0.00	2 16.67 100.00	2 16.67 100.00	2 16.67 100.00	8 66.67
	Not at all	0 0.00 0.00	0 0.00 0.00	1 8.33 33.33	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33
	Some	0 0.00 0.00	0 0.00 0.00	2 16.67 66.67	1 8.33 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	3 25.00
	Total	1 8.33	1 8.33	3 25.00	1 8.33	2 16.67	2 16.67	2 16.67	12 100.00

Communicating

Frequency / Percent / Col Pct	L90	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	1 8.33 100.00	1 8.33 100.00	0 0.00 0.00	0 0.00 0.00	2 16.67 100.00	1 8.33 50.00	2 16.67 100.00	7 58.33
	Not at all	0 0.00 0.00	0 0.00 0.00	2 16.67 66.67	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 16.67
	Some	0 0.00 0.00	0 0.00 0.00	1 8.33 33.33	1 8.33 100.00	0 0.00 0.00	1 8.33 50.00	0 0.00 0.00	3 25.00
	Total	1 8.33	1 8.33	3 25.00	1 8.33	2 16.67	2 16.67	2 16.67	12 100.00

Relating and networking

Frequency / Percent / Col Pct	L91	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33 50.00	1 8.33 50.00	2 16.67 100.00	4 33.33
	Not at all	1 8.33	1 8.33	3 25.00	1 8.33	1 8.33	1 8.33	0 0.00	8 66.67

	100.00	100.00	100.00	100.00	50.00	50.00	0.00	
Total	1 8.33	1 8.33	3 25.00	1 8.33	2 16.67	2 16.67	2 16.67	12 100.00

Frequency **Percent** **Col Pct**	Negotiating							
L92	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Not at all	1 8.33 100.00	1 8.33 100.00	3 25.00 100.00	1 8.33 100.00	2 16.67 100.00	1 8.33 50.00	2 16.67 100.00	11 91.67
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33 50.00	0 0.00 0.00	1 8.33
Total	1 8.33	1 8.33	3 25.00	1 8.33	2 16.67	2 16.67	2 16.67	12 100.00

Frequency **Percent** **Col Pct**	Reporting							
L93	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	1 8.33 100.00	0 0.00 0.00	0 0.00 0.00	1 8.33 50.00	1 8.33 50.00	2 16.67 100.00	5 41.67
Not at all	0 0.00 0.00	0 0.00 0.00	1 8.33 33.33	0 0.00 0.00	0 0.00 0.00	1 8.33 50.00	0 0.00 0.00	2 16.67
Some	1 8.33 100.00	0 0.00 0.00	2 16.67 66.67	1 8.33 100.00	1 8.33 50.00	0 0.00 0.00	0 0.00 0.00	5 41.67
Total	1 8.33	1 8.33	3 25.00	1 8.33	2 16.67	2 16.67	2 16.67	12 100.00

Frequency **Percent** **Col Pct**	Applying know-how, professional expertise							
L94	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 8.33 100.00	1 8.33 100.00	1 8.33 33.33	1 8.33 100.00	2 16.67 100.00	2 16.67 100.00	2 16.67 100.00	10 83.33
Some	0	0	2	0	0	0	0	2

	0.00 0.00	0.00 0.00	16.67 66.67	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	16.67
Total	1 8.33	1 8.33	3 25.00	1 8.33	2 16.67	2 16.67	2 16.67	12 100.00

Frequency
Percent
Col Pct

Problem solving

L95	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	1 8.33 100.00	1 8.33 33.33	0 0.00 0.00	2 16.67 100.00	1 8.33 50.00	2 16.67 100.00	7 58.33
Some	1 8.33 100.00	0 0.00 0.00	2 16.67 66.67	1 8.33 100.00	0 0.00 0.00	1 8.33 50.00	0 0.00 0.00	5 41.67
Total	1 8.33	1 8.33	3 25.00	1 8.33	2 16.67	2 16.67	2 16.67	12 100.00

Frequency
Percent
Col Pct

Developing new procedures and working methods

L96	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Not at all	1 8.33 100.00	0 0.00 0.00	3 25.00 100.00	1 8.33 100.00	2 16.67 100.00	1 8.33 50.00	2 16.67 100.00	10 83.33
Some	0 0.00 0.00	1 8.33 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33 50.00	0 0.00 0.00	2 16.67
Total	1 8.33	1 8.33	3 25.00	1 8.33	2 16.67	2 16.67	2 16.67	12 100.00

Frequency
Percent
Col Pct

Forming strategies

L97	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Not at all	1 9.09 100.00	1 9.09 100.00	2 18.18 100.00	1 9.09 100.00	2 18.18 100.00	1 9.09 50.00	2 18.18 100.00	10 90.91
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	1 9.09

Total	1	1	2	1	2	2	2	11
	9.09	9.09	18.18	9.09	18.18	18.18	18.18	100.00

Frequency / Percent / Col Pct

Planning and organising

L98	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	0	0	0	0	2	1	2	5
	0.00	0.00	0.00	0.00	18.18	9.09	18.18	45.45
	0.00	.	0.00	0.00	100.00	50.00	100.00	
Not at all	0	0	3	0	0	0	0	3
	0.00	0.00	27.27	0.00	0.00	0.00	0.00	27.27
	0.00	.	100.00	0.00	0.00	0.00	0.00	
Some	1	0	0	1	0	1	0	3
	9.09	0.00	0.00	9.09	0.00	9.09	0.00	27.27
	100.00	.	0.00	100.00	0.00	50.00	0.00	
Total	1	0	3	1	2	2	2	11
	9.09	0.00	27.27	9.09	18.18	18.18	18.18	100.00

Frequency / Percent / Col Pct

Following instructions and procedures

L99	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	1	1	1	1	2	2	2	10
	9.09	9.09	9.09	9.09	18.18	18.18	18.18	90.91
	100.00	100.00	50.00	100.00	100.00	100.00	100.00	
Some	0	0	1	0	0	0	0	1
	0.00	0.00	9.09	0.00	0.00	0.00	0.00	9.09
	0.00	0.00	50.00	0.00	0.00	0.00	0.00	
Total	1	1	2	1	2	2	2	11
	9.09	9.09	18.18	9.09	18.18	18.18	18.18	100.00

Frequency / Percent / Col Pct

Dealing with contingencies

L100	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	0	1	1	0	2	2	2	8
	0.00	8.33	8.33	0.00	16.67	16.67	16.67	66.67
	0.00	100.00	33.33	0.00	100.00	100.00	100.00	
Some	1	0	2	1	0	0	0	4
	8.33	0.00	16.67	8.33	0.00	0.00	0.00	33.33

	100.00	0.00	66.67	100.00	0.00	0.00	0.00	
Total	1 8.33	1 8.33	3 25.00	1 8.33	2 16.67	2 16.67	2 16.67	12 100.00

Frequency / Percent / Col Pct

Coping with stressful situations

L101	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 16.67 100.00	1 8.33 50.00	1 8.33 50.00	4 33.33
Not at all	0 0.00 0.00	0 0.00 0.00	3 25.00 100.00	1 8.33 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	4 33.33
Some	1 8.33 100.00	1 8.33 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33 50.00	1 8.33 50.00	4 33.33
Total	1 8.33	1 8.33	3 25.00	1 8.33	2 16.67	2 16.67	2 16.67	12 100.00

Frequency / Percent / Col Pct

Commercial thinking

L102	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Not at all	1 8.33 100.00	0 0.00 0.00	3 25.00 100.00	1 8.33 100.00	0 0.00 0.00	1 8.33 50.00	1 8.33 50.00	7 58.33
Some	0 0.00 0.00	1 8.33 100.00	0 0.00 0.00	0 0.00 0.00	2 16.67 100.00	1 8.33 50.00	1 8.33 50.00	5 41.67
Total	1 8.33	1 8.33	3 25.00	1 8.33	2 16.67	2 16.67	2 16.67	12 100.00

Do you expect the size of this occupation (how many people are working in the occupation) to decline, increase or remain stable in the next 5 years?

Frequency / Percent / Col Pct

Table of L111 by COUNTRY

L111	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Decline	1	0	0	1	0	2	0	4

	8.33 100.00	0.00 0.00	0.00 0.00	8.33 100.00	0.00 0.00	16.67 100.00	0.00 0.00	33.33
Increase	0 0.00 0.00	1 8.33 100.00	1 8.33 33.33	0 0.00 0.00	1 8.33 50.00	0 0.00 0.00	0 0.00 0.00	3 25.00
Stable	0 0.00 0.00	0 0.00 0.00	2 16.67 66.67	0 0.00 0.00	1 8.33 50.00	0 0.00 0.00	2 16.67 100.00	5 41.67
Total	1 8.33	1 8.33	3 25.00	1 8.33	2 16.67	2 16.67	2 16.67	12 100.00

In general most tasks were performed daily in all countries, except DE, where some tasks were not performed at all. Competent performance of almost all tasks was important in all countries. Here is a short summary of the tasks characteristics in all countries (UK, BE, ES, FR, DE, NL, PL):

1. Plan and set up the sequence of operations according to blueprints, layouts or other instructions. – daily in all countries, competent performance is important in all countries
2. Determine setup procedures and select machine dies and parts according to specifications. - daily in all countries, competent performance is important in all countries
3. Load (, unload and reload) the machines with the items to be treated. - daily in all countries, competent performance is important in most countries (ES, FR – some)
4. Operate machines, e.g. set controls to regulate vacuum, air pressure, sizing rings and temperature. - daily in all countries (in DE one answer - never), competent performance is important in all countries
5. Monitor machine operation, e.g. to detect defects or machine malfunctions. - daily in all countries (in DE one answer - never), competent performance is important in all countries
6. Adjust machines as necessary (e.g. speed or feed), for example in case of defects, malfunctioning, or to alter products. – daily in most countries (DE – never), competent performance is important in all countries
7. Examine completed work by comparing with specified tolerance limits using micrometers, gauges and other precision measuring instruments. - daily in all countries, competent performance is important in most countries (ES – some)
8. Reel extruded products into rolls of specified lengths and weights. - daily in all countries (in PL one answer - never), competent performance is important in most countries (ES, FR, PL – some)
9. Maintain and make minor repairs to the machines. - daily or weekly in all countries, competent performance is important in all countries
10. Prepare the machines for repair. - daily or weekly in all countries (BE – yearly), some competence is recquired

Additional formal or legal requirements for this occupation are in BE and NL.

Countries differ (between and within) as far as reported required competences are concerned. Below importance of the competences for each country are presented (UK, ES, FR, DE, NL, PL):

Initiating action – important in ES, DE, NL, PL, not at all – UK, some – BE, FR
Instructing co-workers – some importance in most countries (PL – major, ES – one answer not at all)
Supervising – some importance in most countries (PL, DE – major, UK, FR, NL – not at all)
Co-operating with colleagues – in most countries important (some importance in ES, FR)
Communicating – in most countries important (no important in ES)
Relating and networking – most countries – not at all (PL – major)
Negotiating – all countries – not at all
Reporting – some important in most countries (ES – not at all)
Applying know-how, professional expertise – important in all countries
Problem solving – all countries important or some important
Developing new procedures and working methods – not important in all countries except BE
Forming strategies – not important in all countries
Planning and organising – not important in ES, major – DE, NL, PL
Following instructions and procedures – important in all countries
Dealing with contingencies – most countries important
Coping with stressful situations – some important UK, BE, not at all – ES, FR, major and some- PL, NL
Commercial thinking – not important in all countries, except DE - some

The opinion concerning the size of the occupation between and within countries differ.

3.14. Occupation Pipe fitter

The tas list:

1. Select pipe sizes, types and related materials.
2. Measure and mark pipes for cutting and threading.
3. Cut, thread and hammer pipes according to specifications.
4. Assemble and secure pipes, tubes, fittings and related equipment according to specifications using techniques such as welding, brazing, cementing, soldering or threading joints.
5. Cut and bore holes in structures (e.g. bulkheads, decks, walls and mains) using hand and power tools.
6. Attach pipes to walls, structures and fixtures using tools and equipment such as brackets, clamps or welding equipment.
7. Check the work and repair and correct faults.

8. Examine and test installed systems and pipe lines (e.g. using pressure gauge, hydrostatic testing, observation or other methods).
9. Modify, clean and maintain pipe systems, units, fittings and related machines and equipment.

How frequently the task is performed (never or on a daily, weekly, monthly or yearly basis)?

Frequency / Percent / Col Pct	Select pipe sizes, types and related materials							
L27	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Daily	2 16.67 100.00	1 8.33 100.00	0 0.00 0.00	1 8.33 100.00	3 25.00 100.00	1 8.33 100.00	2 16.67 100.00	10 83.33
Weekly	0 0.00 0.00	0 0.00 0.00	2 16.67 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 16.67
Total	2 16.67	1 8.33	2 16.67	1 8.33	3 25.00	1 8.33	2 16.67	12 100.00

Frequency / Percent / Col Pct	Measure and mark pipes for cutting and threading							
L28	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Daily	2 16.67 100.00	1 8.33 100.00	1 8.33 50.00	1 8.33 100.00	3 25.00 100.00	1 8.33 100.00	2 16.67 100.00	11 91.67
Weekly	0 0.00 0.00	0 0.00 0.00	1 8.33 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33
Total	2 16.67	1 8.33	2 16.67	1 8.33	3 25.00	1 8.33	2 16.67	12 100.00

Frequency / Percent / Col Pct	. Cut, thread and hammer pipes according to specifications							
L29	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Daily	2 18.18 100.00	0 0.00 0.00	2 18.18 100.00	1 9.09 100.00	2 18.18 100.00	1 9.09 100.00	2 18.18 100.00	10 90.91
Weekly	0 0.00 0.00	1 9.09 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09
Total	2	1	2	1	2	1	2	11

	18.18	9.09	18.18	9.09	18.18	9.09	18.18	100.00

Assemble and secure pipes, tubes, fittings and related equipment according to specifications using techniques such as welding, brazing, cementing, soldering or threading joints

Frequency / Percent / Col Pct	L30	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Daily	2	1	2	1	3	1	2	12
		16.67	8.33	16.67	8.33	25.00	8.33	16.67	100.00
		100.00	100.00	100.00	100.00	100.00	100.00	100.00	
	Total	2	1	2	1	3	1	2	12
		16.67	8.33	16.67	8.33	25.00	8.33	16.67	100.00

. Cut and bore holes in structures (e.g. bulkheads, decks, walls and mains) using hand and power tools.

Frequency / Percent / Col Pct	L31	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Daily	1	0	1	1	3	1	2	9
		9.09	0.00	9.09	9.09	27.27	9.09	18.18	81.82
		50.00	.	50.00	100.00	100.00	100.00	100.00	
	Weekly	1	0	1	0	0	0	0	2
		9.09	0.00	9.09	0.00	0.00	0.00	0.00	18.18
		50.00	.	50.00	0.00	0.00	0.00	0.00	
	Total	2	0	2	1	3	1	2	11
		18.18	0.00	18.18	9.09	27.27	9.09	18.18	100.00

Attach pipes to walls, structures and fixtures using tools and equipment such as brackets, clamps or welding equipment

Frequency / Percent / Col Pct	L32	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Daily	2	0	2	1	3	1	2	11
		16.67	0.00	16.67	8.33	25.00	8.33	16.67	91.67
		100.00	0.00	100.00	100.00	100.00	100.00	100.00	
	Weekly	0	1	0	0	0	0	0	1
		0.00	8.33	0.00	0.00	0.00	0.00	0.00	8.33
		0.00	100.00	0.00	0.00	0.00	0.00	0.00	
	Total	2	1	2	1	3	1	2	12
		16.67	8.33	16.67	8.33	25.00	8.33	16.67	100.00

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Frequency / Percent / Col Pct	Check the work and repair and correct faults							
L33	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Daily	1 8.33 50.00	1 8.33 100.00	1 8.33 50.00	1 8.33 100.00	3 25.00 100.00	0 0.00 0.00	2 16.67 100.00	9 75.00
Monthly	1 8.33 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33
Weekly	0 0.00 0.00	0 0.00 0.00	1 8.33 50.00	0 0.00 0.00	0 0.00 0.00	1 8.33 100.00	0 0.00 0.00	2 16.67
Total	2 16.67	1 8.33	2 16.67	1 8.33	3 25.00	1 8.33	2 16.67	12 100.00

Frequency / Percent / Col Pct	T Examine and test installed systems and pipe lines (e.g. using pressure gauge, hydrostatic testing, observation or other methods).							
L34	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Daily	0 0.00 0.00	0 0.00 .	1 10.00 50.00	1 10.00 100.00	3 30.00 100.00	0 0.00 0.00	2 20.00 100.00	7 70.00
Monthly	1 10.00 100.00	0 0.00 .	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00
Weekly	0 0.00 0.00	0 0.00 .	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	2 20.00
Total	1 10.00	0 0.00	2 20.00	1 10.00	3 30.00	1 10.00	2 20.00	10 100.00

Frequency / Percent / Col Pct	Modify, clean and maintain pipe systems, units, fittings and related machines and equipment							
L35	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Daily	0 0.00 0.00	0 0.00 .	2 18.18 100.00	1 9.09 100.00	3 27.27 100.00	0 0.00 0.00	2 18.18 100.00	8 72.73
Weekly	1 9.09	0 0.00	0 0.00	0 0.00	0 0.00	1 9.09	0 0.00	2 18.18

	50.00	.	0.00	0.00	0.00	100.00	0.00	
Yearly	1 9.09 50.00	0 0.00 .	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09
Total	2 18.18	0 0.00	2 18.18	1 9.09	3 27.27	1 9.09	2 18.18	11 100.00

How important is competent performance of this task in this occupation?

Frequency Percent Col Pct	. Select pipe sizes, types and related materials							
L40	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	2 16.67 100.00	1 8.33 100.00	0 0.00 0.00	1 8.33 100.00	2 16.67 66.67	1 8.33 100.00	2 16.67 100.00	9 75.00
Some	0 0.00 0.00	0 0.00 0.00	2 16.67 100.00	0 0.00 0.00	1 8.33 33.33	0 0.00 0.00	0 0.00 0.00	3 25.00
Total	2 16.67	1 8.33	2 16.67	1 8.33	3 25.00	1 8.33	2 16.67	12 100.00

Frequency Percent Col Pct	Measure and mark pipes for cutting and threading							
L41	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	2 16.67 100.00	1 8.33 100.00	0 0.00 0.00	1 8.33 100.00	2 16.67 66.67	1 8.33 100.00	2 16.67 100.00	9 75.00
Some	0 0.00 0.00	0 0.00 0.00	2 16.67 100.00	0 0.00 0.00	1 8.33 33.33	0 0.00 0.00	0 0.00 0.00	3 25.00
Total	2 16.67	1 8.33	2 16.67	1 8.33	3 25.00	1 8.33	2 16.67	12 100.00

Frequency Percent Col Pct	Cut, thread and hammer pipes according to specifications.							
L42	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	2 16.67 100.00	0 0.00 0.00	2 16.67 100.00	1 8.33 100.00	2 16.67 66.67	1 8.33 100.00	2 16.67 100.00	10 83.33

Some	0	1	0	0	1	0	0	2
	0.00	8.33	0.00	0.00	8.33	0.00	0.00	16.67
	0.00	100.00	0.00	0.00	33.33	0.00	0.00	
Total	2	1	2	1	3	1	2	12
	16.67	8.33	16.67	8.33	25.00	8.33	16.67	100.00

Frequency / Percent / Col Pct

Assemble and secure pipes, tubes, fittings and related equipment according to specifications using techniques such as welding, brazing, cementing, soldering or threading joints.

L43	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	2	0	2	1	2	1	2	10
	16.67	0.00	16.67	8.33	16.67	8.33	16.67	83.33
	100.00	0.00	100.00	100.00	66.67	100.00	100.00	
Some	0	1	0	0	1	0	0	2
	0.00	8.33	0.00	0.00	8.33	0.00	0.00	16.67
	0.00	100.00	0.00	0.00	33.33	0.00	0.00	
Total	2	1	2	1	3	1	2	12
	16.67	8.33	16.67	8.33	25.00	8.33	16.67	100.00

Frequency / Percent / Col Pct

Cut and bore holes in structures (e.g. bulkheads, decks, walls and mains) using hand and power tools.

L44	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	1	0	1	1	2	1	2	8
	8.33	0.00	8.33	8.33	16.67	8.33	16.67	66.67
	50.00	0.00	50.00	100.00	66.67	100.00	100.00	
Some	1	1	1	0	1	0	0	4
	8.33	8.33	8.33	0.00	8.33	0.00	0.00	33.33
	50.00	100.00	50.00	0.00	33.33	0.00	0.00	
Total	2	1	2	1	3	1	2	12
	16.67	8.33	16.67	8.33	25.00	8.33	16.67	100.00

Frequency / Percent / Col Pct

Attach pipes to walls, structures and fixtures using tools and equipment such as brackets, clamps or welding equipment

L45	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	2	1	2	1	2	1	2	11
	16.67	8.33	16.67	8.33	16.67	8.33	16.67	91.67

	100.00	100.00	100.00	100.00	66.67	100.00	100.00	
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33 33.33	0 0.00 0.00	0 0.00 0.00	1 8.33
Total	2 16.67	1 8.33	2 16.67	1 8.33	3 25.00	1 8.33	2 16.67	12 100.00

Frequency
Percent
Col Pct

T Check the work and repair and correct faults

L46	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 8.33 50.00	1 8.33 100.00	0 0.00 0.00	1 8.33 100.00	2 16.67 66.67	1 8.33 100.00	2 16.67 100.00	8 66.67
Some	1 8.33 50.00	0 0.00 0.00	2 16.67 100.00	0 0.00 0.00	1 8.33 33.33	0 0.00 0.00	0 0.00 0.00	4 33.33
Total	2 16.67	1 8.33	2 16.67	1 8.33	3 25.00	1 8.33	2 16.67	12 100.00

Frequency
Percent
Col Pct

Examine and test installed systems and pipe lines (e.g. using pressure gauge, hydrostatic testing, observation or other methods)

L47	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	2 16.67 100.00	0 0.00 0.00	2 16.67 100.00	1 8.33 100.00	2 16.67 66.67	1 8.33 100.00	2 16.67 100.00	10 83.33
Some	0 0.00 0.00	1 8.33 100.00	0 0.00 0.00	0 0.00 0.00	1 8.33 33.33	0 0.00 0.00	0 0.00 0.00	2 16.67
Total	2 16.67	1 8.33	2 16.67	1 8.33	3 25.00	1 8.33	2 16.67	12 100.00

Frequency
Percent
Col Pct

Modify, clean and maintain pipe systems, units, fittings and related machines and equipment.

L48	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 8.33 50.00	0 0.00 0.00	2 16.67 100.00	1 8.33 100.00	2 16.67 66.67	1 8.33 100.00	2 16.67 100.00	9 75.00

Some	1 8.33 50.00	1 8.33 100.00	0 0.00 0.00	0 0.00 0.00	1 8.33 33.33	0 0.00 0.00	0 0.00 0.00	3 25.00
Total	2 16.67	1 8.33	2 16.67	1 8.33	3 25.00	1 8.33	2 16.67	12 100.00

Are there additional formal or legal requirements for this occupation

Frequency **Percent** **Col Pct**	diploma (full educational programme)							
L121_1	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
1	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	1 100.00 100.00	1 100.00
Total	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	1 100.00	1 100.00

Frequency **Percent** **Col Pct**	certification (training / course							
L121_2	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
1	0 0.00 .	1 33.33 100.00	0 0.00 .	0 0.00 .	1 33.33 100.00	0 0.00 .	1 33.33 100.00	3 100.00
Total	0 0.00	1 33.33	0 0.00	0 0.00	1 33.33	0 0.00	1 33.33	3 100.00

Frequency **Percent** **Col Pct**	working according to a professional code or protocol							
L121_3	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
1	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	1 50.00 100.00	0 0.00 .	1 50.00 100.00	2 100.00
Total	0 0.00	0 0.00	0 0.00	0 0.00	1 50.00	0 0.00	1 50.00	2 100.00

Frequency **Percent**	**other**	
L121_4	**COUNTRY**	**Total**

Col Pct		UK	belgium	espagna	france	germany	netherl	poland	
	1	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	1 100.00 100.00	1 100.00
	Total	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	1 100.00	1 100.00

How are the additional *certification (training/course) requirements* established/laid down?

Frequency Percent Col Pct	Table of L75 by COUNTRY							
L75	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Federal government	1 100.00 100.00	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	1 100.00
Total	1 100.00	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	1 100.00

How are the additional *professional code or protocol requirements* established/laid down?

Frequency Percent Col Pct	Table of L77 by COUNTRY							
L77	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Law or legal requirement	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	1 100.00 100.00	0 0.00 .	0 0.00 .	1 100.00
Total	0 0.00	0 0.00	0 0.00	0 0.00	1 100.00	0 0.00	0 0.00	1 100.00

Relevance of the competencies mentioned below for this occupation

Frequency Percent Col Pct	Initiating action							
L86	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	0 0.00 0.00	1 7.69 100.00	1 7.69 50.00	0 0.00 0.00	3 23.08 100.00	1 7.69 50.00	2 15.38 100.00	8 61.54
Not at all	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	1 7.69	0 0.00	1 7.69

	0.00	0.00	0.00	0.00	0.00	50.00	0.00	
Some	2 15.38 100.00	0 0.00 0.00	1 7.69 50.00	1 7.69 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	4 30.77
Total	2 15.38	1 7.69	2 15.38	1 7.69	3 23.08	2 15.38	2 15.38	13 100.00

Frequency Percent Col Pct	Instructing co-workers							
L87	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	1 8.33 100.00	0 0.00 0.00	0 0.00 .	1 8.33 33.33	0 0.00 0.00	2 16.67 100.00	4 33.33
Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	1 8.33 50.00	0 0.00 0.00	1 8.33
Some	2 16.67 100.00	0 0.00 0.00	2 16.67 100.00	0 0.00 .	2 16.67 66.67	1 8.33 50.00	0 0.00 0.00	7 58.33
Total	2 16.67	1 8.33	2 16.67	0 0.00	3 25.00	2 16.67	2 16.67	12 100.00

Frequency Percent Col Pct	Supervising							
L88	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	1 7.69 100.00	0 0.00 0.00	0 0.00 0.00	1 7.69 33.33	0 0.00 0.00	2 15.38 100.00	4 30.77
Not at all	1 7.69 50.00	0 0.00 0.00	0 0.00 0.00	1 7.69 100.00	1 7.69 33.33	1 7.69 50.00	0 0.00 0.00	4 30.77
Some	1 7.69 50.00	0 0.00 0.00	2 15.38 100.00	0 0.00 0.00	1 7.69 33.33	1 7.69 50.00	0 0.00 0.00	5 38.46
Total	2 15.38	1 7.69	2 15.38	1 7.69	3 23.08	2 15.38	2 15.38	13 100.00

Frequency	Co-operating with colleagues

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Percent / Col Pct	L89	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	1 7.69 50.00	1 7.69 100.00	0 0.00 0.00	0 0.00 0.00	3 23.08 100.00	1 7.69 50.00	2 15.38 100.00	8 61.54
	Not at all	1 7.69 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 7.69 50.00	0 0.00 0.00	2 15.38
	Some	0 0.00 0.00	0 0.00 0.00	2 15.38 100.00	1 7.69 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	3 23.08
	Total	2 15.38	1 7.69	2 15.38	1 7.69	3 23.08	2 15.38	2 15.38	13 100.00

Communicating

Frequency / Percent / Col Pct	L90	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	1 7.69 50.00	1 7.69 100.00	0 0.00 0.00	0 0.00 0.00	3 23.08 100.00	1 7.69 50.00	2 15.38 100.00	8 61.54
	Not at all	0 0.00 0.00	0 0.00 0.00	1 7.69 50.00	0 0.00 0.00	0 0.00 0.00	1 7.69 50.00	0 0.00 0.00	2 15.38
	Some	1 7.69 50.00	0 0.00 0.00	1 7.69 50.00	1 7.69 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	3 23.08
	Total	2 15.38	1 7.69	2 15.38	1 7.69	3 23.08	2 15.38	2 15.38	13 100.00

Relating and networking

Frequency / Percent / Col Pct	L91	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	0 0.00 0.00	2 16.67 100.00	2 16.67
	Not at all	1 8.33 50.00	1 8.33 100.00	2 16.67 100.00	0 0.00 .	1 8.33 33.33	2 16.67 100.00	0 0.00 0.00	7 58.33
	Some	1	0	0	0	2	0	0	3

	8.33 50.00	0.00 0.00	0.00 0.00	0.00 .	16.67 66.67	0.00 0.00	0.00 0.00	25.00
Total	2 16.67	1 8.33	2 16.67	0 0.00	3 25.00	2 16.67	2 16.67	12 100.00

Frequency / Percent / Col Pct

Negotiating

L92	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 15.38 100.00	2 15.38
Not at all	1 7.69 50.00	1 7.69 100.00	2 15.38 100.00	1 7.69 100.00	1 7.69 33.33	2 15.38 100.00	0 0.00 0.00	8 61.54
Some	1 7.69 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 15.38 66.67	0 0.00 0.00	0 0.00 0.00	3 23.08
Total	2 15.38	1 7.69	2 15.38	1 7.69	3 23.08	2 15.38	2 15.38	13 100.00

Frequency / Percent / Col Pct

Reporting

L93	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 15.38 100.00	2 15.38
Not at all	1 7.69 50.00	0 0.00 0.00	1 7.69 50.00	0 0.00 0.00	0 0.00 0.00	1 7.69 50.00	0 0.00 0.00	3 23.08
Some	1 7.69 50.00	1 7.69 100.00	1 7.69 50.00	1 7.69 100.00	3 23.08 100.00	1 7.69 50.00	0 0.00 0.00	8 61.54
Total	2 15.38	1 7.69	2 15.38	1 7.69	3 23.08	2 15.38	2 15.38	13 100.00

Frequency / Percent / Col Pct

Applying know-how, professional expertise

L94	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	

Major	2 16.67 100.00	1 8.33 100.00	1 8.33 50.00	1 8.33 100.00	3 25.00 100.00	1 8.33 100.00	2 16.67 100.00	11 91.67
Some	0 0.00 0.00	0 0.00 0.00	1 8.33 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33
Total	2 16.67	1 8.33	2 16.67	1 8.33	3 25.00	1 8.33	2 16.67	12 100.00

Frequency
Percent
Col Pct

Problem solving

L95	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 7.69 50.00	1 7.69 100.00	1 7.69 50.00	1 7.69 100.00	3 23.08 100.00	1 7.69 50.00	2 15.38 100.00	10 76.92
Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 7.69 50.00	0 0.00 0.00	1 7.69
Some	1 7.69 50.00	0 0.00 0.00	1 7.69 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 15.38
Total	2 15.38	1 7.69	2 15.38	1 7.69	3 23.08	2 15.38	2 15.38	13 100.00

Frequency
Percent
Col Pct

Developing new procedures and working methods

L96	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	0 0.00 0.00	2 16.67 100.00	2 16.67
Not at all	0 0.00 0.00	1 8.33 100.00	2 16.67 100.00	0 0.00 .	1 8.33 33.33	2 16.67 100.00	0 0.00 0.00	6 50.00
Some	2 16.67 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	2 16.67 66.67	0 0.00 0.00	0 0.00 0.00	4 33.33
Total	2 16.67	1 8.33	2 16.67	0 0.00	3 25.00	2 16.67	2 16.67	12 100.00

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Forming strategies

Frequency / Percent / Col Pct	L97	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 16.67 100.00	2 16.67
	Not at all	2 16.67 100.00	0 0.00 0.00	2 16.67 100.00	1 8.33 100.00	2 16.67 66.67	1 8.33 100.00	0 0.00 0.00	8 66.67
	Some	0 0.00 0.00	1 8.33 100.00	0 0.00 0.00	0 0.00 0.00	1 8.33 33.33	0 0.00 0.00	0 0.00 0.00	2 16.67
	Total	2 16.67	1 8.33	2 16.67	1 8.33	3 25.00	1 8.33	2 16.67	12 100.00

Planning and organising

Frequency / Percent / Col Pct	L98	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	1 8.33 50.00	1 8.33 100.00	0 0.00 0.00	1 8.33 100.00	3 25.00 100.00	1 8.33 100.00	2 16.67 100.00	9 75.00
	Not at all	0 0.00 0.00	0 0.00 0.00	2 16.67 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 16.67
	Some	1 8.33 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33
	Total	2 16.67	1 8.33	2 16.67	1 8.33	3 25.00	1 8.33	2 16.67	12 100.00

Dealing with contingencies

Frequency / Percent / Col Pct	L99	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	2 16.67 100.00	1 8.33 100.00	1 8.33 50.00	1 8.33 100.00	2 16.67 66.67	1 8.33 100.00	2 16.67 100.00	10 83.33
	Some	0 0.00	0 0.00	1 8.33	0 0.00	1 8.33	0 0.00	0 0.00	2 16.67

	0.00	0.00	50.00	0.00	33.33	0.00	0.00	
Total	2 16.67	1 8.33	2 16.67	1 8.33	3 25.00	1 8.33	2 16.67	12 100.00

Frequency / Percent / Col Pct

Coping with stressful situations

L100	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	1 8.33 50.00	1 8.33 100.00	1 8.33 50.00	1 8.33 100.00	2 16.67 66.67	0 0.00 0.00	2 16.67 100.00	8 66.67
Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 8.33 100.00	0 0.00 0.00	1 8.33
Some	1 8.33 50.00	0 0.00 0.00	1 8.33 50.00	0 0.00 0.00	1 8.33 33.33	0 0.00 0.00	0 0.00 0.00	3 25.00
Total	2 16.67	1 8.33	2 16.67	1 8.33	3 25.00	1 8.33	2 16.67	12 100.00

Frequency / Percent / Col Pct

Commercial thinking

L101	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	2 18.18 66.67	0 0.00 0.00	2 18.18 100.00	5 45.45
Not at all	0 0.00 0.00	0 0.00 0.00	2 18.18 100.00	0 0.00 .	0 0.00 0.00	1 9.09 100.00	0 0.00 0.00	3 27.27
Some	1 9.09 50.00	1 9.09 100.00	0 0.00 0.00	0 0.00 .	1 9.09 33.33	0 0.00 0.00	0 0.00 0.00	3 27.27
Total	2 18.18	1 9.09	2 18.18	0 0.00	3 27.27	1 9.09	2 18.18	11 100.00

Frequency / Percent / Col Pct

Table of L102 by COUNTRY

L102	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	0	0	0	0	1	0	2	3

	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	7.69 33.33	0.00 0.00	15.38 100.00	23.08
Not at all	1 7.69 50.00	1 7.69 100.00	2 15.38 100.00	1 7.69 100.00	1 7.69 33.33	2 15.38 100.00	0 0.00 0.00	8 61.54
Some	1 7.69 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 7.69 33.33	0 0.00 0.00	0 0.00 0.00	2 15.38
Total	2 15.38	1 7.69	2 15.38	1 7.69	3 23.08	2 15.38	2 15.38	13 100.00

Do you expect the size of this occupation (how many people are working in the occupation) to decline, increase or remain stable in the next 5 years?

Frequency Percent Col Pct	Table of L111 by COUNTRY							
L111	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Decline	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	0 0.00 .	0 0.00 0.00	1 10.00
Increase	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	0 0.00 .	1 10.00 33.33	0 0.00 .	0 0.00 0.00	2 20.00
Stable	1 10.00 50.00	0 0.00 0.00	2 20.00 100.00	0 0.00 .	2 20.00 66.67	0 0.00 .	2 20.00 100.00	7 70.00
Total	2 20.00	1 10.00	2 20.00	0 0.00	3 30.00	0 0.00	2 20.00	10 100.00

In general most tasks were performed daily in all countries, except BE, where some tasks were performed weekly. Competent performance of almost all tasks was important in all countries. Here is a short summary of the tasks characteristics in all countries (UK, BE, ES, FR, DE, NL, PL):

1. Select pipe sizes, types and related materials. – daily in most countries (ES – weekly), competence performance is important, except ES (some)
2. Measure and mark pipes for cutting and threading. - daily in most countries, competence performance is important, except ES (some)
3. Cut, thread and hammer pipes according to specifications. - daily in most countries (BE – weekly), competence performance is important, except BE (some)
4. Assemble and secure pipes, tubes, fittings and related equipment according to specifications using techniques such as welding, brazing, cementing, soldering or threading joints. - daily in

most countries, competence performance is important, except BE (some)

5. Cut and bore holes in structures (e.g. bulkheads, decks, walls and mains) using hand and power tools. - daily in most countries, competence performance is important, except BE (some)
6. Attach pipes to walls, structures and fixtures using tools and equipment such as brackets, clamps or welding equipment. - daily in most countries (BE – weekly), competence performance is important
7. Check the work and repair and correct faults. - daily in countries, competence performance is important
8. Examine and test installed systems and pipe lines (e.g. using pressure gauge, hydrostatic testing, observation or other methods). - competence performance is important
9. Modify, clean and maintain pipe systems, units, fittings and related machines and equipment. - daily in most countries (UK – weekly) - competence performance is important (BE – some)

Additional formal or legal requirements for this occupation are in BE, DE, PL.

Countries differ (between and within) as far as reported required competences are concerned. Below importance of the competences for each country are presented (UK, ES, FR, DE, NL, PL):

Initiating action – important in most countries (UK, FR – some))
Instructing co-workers – some importance in most countries (PL, BE – major, ES – some)
Supervising – some importance or not at all in most countries (only PL – major)
Co-operating with colleagues – diverse (PL – important), rest countries – not at all, some
Communicating – in most countries important (no important in ES)
Relating and networking – most countries – not at all (PL – major)
Negotiating – all countries – not at all (PL – major)
Reporting – some important in most countries (PL – major)
Applying know-how, professional expertise – important in all countries
Problem solving – all countries important or some important
Developing new procedures and working methods – not important or some in all countries except PL
Forming strategies – not important in all countries (PL – major)
Planning and organising – not important in ES, major – DE, NL, PL
Following instructions and procedures – important in all countries (ES – not important)
Dealing with contingencies – most countries important or some importance
Coping with stressful situations – very differ the actions,
Commercial thinking – diverse

The expectation in BE, DE is that the size of the occupation increase, ES, DE, PL – remain stable, UK – decline

3.15. Occupation Plant maintenance mechanic

The task list:

1. Study blueprints, technical manuals and engineering specifications to maintain and fix equipment.
2. Identify the tools, equipment and skills necessary for repair and maintenance work.
3. Install new machinery.
4. Perform basic diagnostic tests.
5. Check machine performance.
6. Dismantle machines and remove parts for repair using hand tools, chain falls, jacks, cranes or hoists.
7. Test damaged machine parts.
8. Replace the damaged and worn parts if necessary.
9. Reassemble machines after the completion of repair or maintenance work.
10. Clean and lubricate machinery.
11. Keep records of repair and maintenance work.

How frequently the task is performed (never or on a daily, weekly, monthly or yearly basis)?

Frequency / Percent / Col Pct		Study blueprints, technical manuals and engineering specifications to maintain and fix equipment					
	L27	COUNTRY					Total
		UK	espagna	germany	netherl	poland	
	Daily	1 20.00 100.00	1 20.00 100.00	0 0.00 0.00	2 40.00 100.00	0 0.00 .	4 80.00
	Weekly	0 0.00 0.00	0 0.00 0.00	1 20.00 100.00	0 0.00 0.00	0 0.00 .	1 20.00
	Total	1 20.00	1 20.00	1 20.00	2 40.00	0 0.00	5 100.00

Frequency / Percent / Col Pct		Identify the tools, equipment and skills necessary for repair and maintenance work.					
	L28	COUNTRY					Total
		UK	espagna	germany	netherl	poland	
	Daily	1 20.00 100.00	1 20.00 100.00	0 0.00 0.00	2 40.00 100.00	0 0.00 .	4 80.00

Weekly	0 0.00 0.00	0 0.00 0.00	1 20.00 100.00	0 0.00 0.00	0 0.00 .	1 20.00
Total	1 20.00	1 20.00	1 20.00	2 40.00	0 0.00	5 100.00

Frequency Percent Col Pct	Install new machinery					
L29	**COUNTRY**					**Total**
	UK	**espagna**	**germany**	**netherl**	**poland**	
Monthly	0 0.00 .	1 25.00 100.00	0 0.00 0.00	1 25.00 50.00	0 0.00 .	2 50.00
Weekly	0 0.00 .	0 0.00 0.00	1 25.00 100.00	1 25.00 50.00	0 0.00 .	2 50.00
Total	0 0.00	1 25.00	1 25.00	2 50.00	0 0.00	4 100.00

Frequency Percent Col Pct	Perform basic diagnostic tests					
L30	**COUNTRY**					**Total**
	UK	**espagna**	**germany**	**netherl**	**poland**	
Daily	0 0.00 0.00	1 20.00 100.00	0 0.00 0.00	1 20.00 50.00	0 0.00 .	2 40.00
Weekly	1 20.00 100.00	0 0.00 0.00	0 0.00 0.00	1 20.00 50.00	0 0.00 .	2 40.00
Yearly	0 0.00 0.00	0 0.00 0.00	1 20.00 100.00	0 0.00 0.00	0 0.00 .	1 20.00
Total	1 20.00	1 20.00	1 20.00	2 40.00	0 0.00	5 100.00

Frequency Percent Col Pct	Check machine performance					
L31	**COUNTRY**					**Total**
	UK	**espagna**	**germany**	**netherl**	**poland**	
Daily	0 0.00	1 20.00	1 20.00	1 20.00	0 0.00	3 60.00

	0.00	100.00	100.00	50.00	.	
Weekly	1 20.00 100.00	0 0.00 0.00	0 0.00 0.00	1 20.00 50.00	0 0.00 .	2 40.00
Total	1 20.00	1 20.00	1 20.00	2 40.00	0 0.00	5 100.00

Frequency **Percent** **Col Pct**	Dismantle machines and remove parts for repair using hand tools, chain falls, jacks, cranes or hoists.					
L32	**COUNTRY**					**Total**
	UK	**espagna**	**germany**	**netherl**	**poland**	
Daily	1 20.00 100.00	1 20.00 100.00	0 0.00 0.00	1 20.00 50.00	0 0.00 .	3 60.00
Monthly	0 0.00 0.00	0 0.00 0.00	1 20.00 100.00	0 0.00 0.00	0 0.00 .	1 20.00
Weekly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 20.00 50.00	0 0.00 .	1 20.00
Total	1 20.00	1 20.00	1 20.00	2 40.00	0 0.00	5 100.00

Frequency **Percent** **Col Pct**	Test damaged machine parts					
L33	**COUNTRY**					**Total**
	UK	**espagna**	**germany**	**netherl**	**poland**	
Daily	1 20.00 100.00	1 20.00 100.00	0 0.00 0.00	2 40.00 100.00	0 0.00 .	4 80.00
Weekly	0 0.00 0.00	0 0.00 0.00	1 20.00 100.00	0 0.00 0.00	0 0.00 .	1 20.00
Total	1 20.00	1 20.00	1 20.00	2 40.00	0 0.00	5 100.00

Frequency **Percent** **Col Pct**	Replace the damaged and worn parts if necessary					
L34	**COUNTRY**					**Total**
	UK	**espagna**	**germany**	**netherl**	**poland**	

Daily	1 20.00 100.00	1 20.00 100.00	1 20.00 100.00	2 40.00 100.00	0 0.00 .	5 100.00
Total	1 20.00	1 20.00	1 20.00	2 40.00	0 0.00	5 100.00

Frequency Percent Col Pct	Reassemble machines after the completion of repair or maintenance work					
L35	**COUNTRY**					**Total**
	UK	**espagna**	**germany**	**netherl**	**poland**	
Daily	1 20.00 100.00	1 20.00 100.00	1 20.00 100.00	2 40.00 100.00	0 0.00 .	5 100.00
Total	1 20.00	1 20.00	1 20.00	2 40.00	0 0.00	5 100.00

Frequency Percent Col Pct	Clean and lubricate machinery					
L36	**COUNTRY**					**Total**
	UK	**espagna**	**germany**	**netherl**	**poland**	
Daily	0 0.00 0.00	1 20.00 100.00	1 20.00 100.00	2 40.00 100.00	0 0.00 .	4 80.00
Weekly	1 20.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 20.00
Total	1 20.00	1 20.00	1 20.00	2 40.00	0 0.00	5 100.00

Frequency Percent Col Pct	Keep records of repair and maintenance work					
L36B	**COUNTRY**					**Total**
	UK	**espagna**	**germany**	**netherl**	**poland**	
Daily	0 0.00 0.00	1 20.00 100.00	1 20.00 100.00	2 40.00 100.00	0 0.00 .	4 80.00
Weekly	1 20.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 20.00
Total	1	1	1	2	0	5

	20.00	20.00	20.00	40.00	0.00	100.00

How important is competent performance of this task in this occupation?

Frequency / Percent / Col Pct	Study blueprints, technical manuals and engineering specifications to maintain and fix equipment					
L40	**COUNTRY**					**Total**
	UK	**espagna**	**germany**	**netherl**	**poland**	
Major	1 20.00 100.00	1 20.00 100.00	1 20.00 100.00	2 40.00 100.00	0 0.00 .	5 100.00
Total	1 20.00	1 20.00	1 20.00	2 40.00	0 0.00	5 100.00

Frequency / Percent / Col Pct	Identify the tools, equipment and skills necessary for repair and maintenance work					
L41	**COUNTRY**					**Total**
	UK	**espagna**	**germany**	**netherl**	**poland**	
Major	1 20.00 100.00	0 0.00 0.00	1 20.00 100.00	2 40.00 100.00	0 0.00 .	4 80.00
Some	0 0.00 0.00	1 20.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 20.00
Total	1 20.00	1 20.00	1 20.00	2 40.00	0 0.00	5 100.00

Frequency / Percent / Col Pct	Install new machinery					
L42	**COUNTRY**					**Total**
	UK	**espagna**	**germany**	**netherl**	**poland**	
Major	1 20.00 100.00	0 0.00 0.00	1 20.00 100.00	1 20.00 50.00	0 0.00 .	3 60.00
Some	0 0.00 0.00	1 20.00 100.00	0 0.00 0.00	1 20.00 50.00	0 0.00 .	2 40.00
Total	1 20.00	1 20.00	1 20.00	2 40.00	0 0.00	5 100.00

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Frequency / Percent / Col Pct	. Perform basic diagnostic tests					
L43	COUNTRY					Total
	UK	espagna	germany	netherl	poland	
Major	1 20.00 100.00	1 20.00 100.00	1 20.00 100.00	2 40.00 100.00	0 0.00 .	5 100.00
Total	1 20.00	1 20.00	1 20.00	2 40.00	0 0.00	5 100.00

Frequency / Percent / Col Pct	Check machine performance					
L44	COUNTRY					Total
	UK	espagna	germany	netherl	poland	
Major	1 20.00 100.00	0 0.00 0.00	1 20.00 100.00	2 40.00 100.00	0 0.00 .	4 80.00
Some	0 0.00 0.00	1 20.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 20.00
Total	1 20.00	1 20.00	1 20.00	2 40.00	0 0.00	5 100.00

Frequency / Percent / Col Pct	Dismantle machines and remove parts for repair using hand tools, chain falls, jacks, cranes or hoists					
L45	COUNTRY					Total
	UK	espagna	germany	netherl	poland	
Major	1 20.00 100.00	1 20.00 100.00	1 20.00 100.00	2 40.00 100.00	0 0.00 .	5 100.00
Total	1 20.00	1 20.00	1 20.00	2 40.00	0 0.00	5 100.00

Frequency / Percent / Col Pct	Test damaged machine parts					
L46	COUNTRY					Total
	UK	espagna	germany	netherl	poland	
Major	1 20.00 100.00	1 20.00 100.00	1 20.00 100.00	2 40.00 100.00	0 0.00 .	5 100.00
Total	1	1	1	2	0	5

	20.00	20.00	20.00	40.00	0.00	100.00

Frequency / Percent / Col Pct	Replace the damaged and worn parts if necessary					
L47	COUNTRY					Total
	UK	espagna	germany	netherl	poland	
Major	1 20.00 100.00	1 20.00 100.00	1 20.00 100.00	2 40.00 100.00	0 0.00 .	5 100.00
Total	1 20.00	1 20.00	1 20.00	2 40.00	0 0.00	5 100.00

Frequency / Percent / Col Pct	Reassemble machines after the completion of repair or maintenance work					
L48	COUNTRY					Total
	UK	espagna	germany	netherl	poland	
Major	1 20.00 100.00	1 20.00 100.00	1 20.00 100.00	2 40.00 100.00	0 0.00 .	5 100.00
Total	1 20.00	1 20.00	1 20.00	2 40.00	0 0.00	5 100.00

Frequency / Percent / Col Pct	Clean and lubricate machinery					
L49	COUNTRY					Total
	UK	espagna	germany	netherl	poland	
Major	1 20.00 100.00	0 0.00 0.00	1 20.00 100.00	2 40.00 100.00	0 0.00 .	4 80.00
Some	0 0.00 0.00	1 20.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 20.00
Total	1 20.00	1 20.00	1 20.00	2 40.00	0 0.00	5 100.00

Frequency / Percent / Col Pct	Keep records of repair and maintenance work					
L49B	COUNTRY					Total
	UK	espagna	germany	netherl	poland	
Major	0	0	1	2	0	3

	0.00 0.00	0.00 0.00	20.00 100.00	40.00 100.00	0.00 .	60.00
Some	1 20.00 100.00	1 20.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	2 40.00
Total	1 20.00	1 20.00	1 20.00	2 40.00	0 0.00	5 100.00

Are there additional formal or legal requirements for this occupation

Frequency **Percent** **Col Pct**	diploma (full educational programme)					
L121_1	**COUNTRY**					**Total**
	UK	**espagna**	**germany**	**netherl**	**poland**	
1	0 0.00 .	0 0.00 .	0 0.00 .	1 100.00 100.00	0 0.00 .	1 100.00
Total	0 0.00	0 0.00	0 0.00	1 100.00	0 0.00	1 100.00

Frequency **Percent** **Col Pct**	certification (training / course)					
L121_2	**COUNTRY**					**Total**
	UK	**espagna**	**germany**	**netherl**	**poland**	
1	0 0.00 .	0 0.00 .	1 100.00 100.00	0 0.00 .	0 0.00 .	1 100.00
Total	0 0.00	0 0.00	1 100.00	0 0.00	0 0.00	1 100.00

How are the additional *diploma requirements* established/laid down?

Frequency **Percent** **Col Pct**	**Table of L73 by COUNTRY**					
L73	**COUNTRY**					**Total**
	UK	**espagna**	**germany**	**netherl**	**poland**	
Branch or industry	0 0.00 .	0 0.00 .	0 0.00 .	1 100.00 100.00	0 0.00 .	1 100.00
Total	0 0.00	0 0.00	0 0.00	1 100.00	0 0.00	1 100.00

Relevance of the competencies mentioned below for this occupation

Frequency / Percent / Col Pct	Initiating action					
L86	COUNTRY					Total
	UK	espagna	germany	netherl	poland	
Major	0 0.00 0.00	1 16.67 100.00	1 16.67 100.00	2 33.33 66.67	0 0.00 .	4 66.67
Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 16.67 33.33	0 0.00 .	1 16.67
Some	1 16.67 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 16.67
Total	1 16.67	1 16.67	1 16.67	3 50.00	0 0.00	6 100.00

Frequency / Percent / Col Pct	Instructing co-workers					
L87	COUNTRY					Total
	UK	espagna	germany	netherl	poland	
Major	0 0.00 0.00	0 0.00 0.00	1 16.67 100.00	1 16.67 33.33	0 0.00 .	2 33.33
Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 33.33 66.67	0 0.00 .	2 33.33
Some	1 16.67 100.00	1 16.67 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	2 33.33
Total	1 16.67	1 16.67	1 16.67	3 50.00	0 0.00	6 100.00

Frequency / Percent / Col Pct	Supervising					
L88	COUNTRY					Total
	UK	espagna	germany	netherl	poland	
Major	0 0.00 0.00	0 0.00 0.00	1 16.67 100.00	1 16.67 33.33	0 0.00 .	2 33.33
Not at all	1 16.67	0 0.00	0 0.00	2 33.33	0 0.00	3 50.00

	100.00	0.00	0.00	66.67	.	
Some	0 0.00 0.00	1 16.67 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 16.67
Total	1 16.67	1 16.67	1 16.67	3 50.00	0 0.00	6 100.00

Frequency Percent Col Pct	Co-operating with colleagues					
L89	**COUNTRY**					**Total**
	UK	**espagna**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	1 16.67 100.00	1 16.67 33.33	0 0.00 .	2 33.33
Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 16.67 33.33	0 0.00 .	1 16.67
Some	1 16.67 100.00	1 16.67 100.00	0 0.00 0.00	1 16.67 33.33	0 0.00 .	3 50.00
Total	1 16.67	1 16.67	1 16.67	3 50.00	0 0.00	6 100.00

Frequency Percent Col Pct	Communicating					
L90	**COUNTRY**					**Total**
	UK	**espagna**	**germany**	**netherl**	**poland**	
Major	1 16.67 100.00	0 0.00 0.00	1 16.67 100.00	1 16.67 33.33	0 0.00 .	3 50.00
Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 16.67 33.33	0 0.00 .	1 16.67
Some	0 0.00 0.00	1 16.67 100.00	0 0.00 0.00	1 16.67 33.33	0 0.00 .	2 33.33
Total	1 16.67	1 16.67	1 16.67	3 50.00	0 0.00	6 100.00

Frequency	Relating and networking

Percent / Col Pct	L91	COUNTRY					Total
		UK	espagna	germany	netherl	poland	
	Major	0 0.00 0.00	0 0.00 0.00	1 16.67 100.00	1 16.67 33.33	0 0.00 .	2 33.33
	Not at all	1 16.67 100.00	1 16.67 100.00	0 0.00 0.00	1 16.67 33.33	0 0.00 .	3 50.00
	Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 16.67 33.33	0 0.00 .	1 16.67
	Total	1 16.67	1 16.67	1 16.67	3 50.00	0 0.00	6 100.00

Negotiating

Frequency / Percent / Col Pct	L92	COUNTRY					Total
		UK	espagna	germany	netherl	poland	
	Major	0 0.00 0.00	0 0.00 0.00	1 16.67 100.00	1 16.67 33.33	0 0.00 .	2 33.33
	Not at all	1 16.67 100.00	1 16.67 100.00	0 0.00 0.00	1 16.67 33.33	0 0.00 .	3 50.00
	Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 16.67 33.33	0 0.00 .	1 16.67
	Total	1 16.67	1 16.67	1 16.67	3 50.00	0 0.00	6 100.00

Reporting

Frequency / Percent / Col Pct	L93	COUNTRY					Total
		UK	espagna	germany	netherl	poland	
	Major	0 0.00 0.00	0 0.00 0.00	1 16.67 100.00	1 16.67 33.33	0 0.00 .	2 33.33
	Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 16.67 33.33	0 0.00 .	1 16.67
	Some	1	1	0	1	0	3

	16.67 100.00	16.67 100.00	0.00 0.00	16.67 33.33	0.00 .	50.00
Total	1 16.67	1 16.67	1 16.67	3 50.00	0 0.00	6 100.00

Frequency **Percent** **Col Pct**	Applying know-how, professional expertise					
L94	**COUNTRY**					**Total**
	UK	**espagna**	**germany**	**netherl**	**poland**	
Major	1 20.00 100.00	1 20.00 100.00	1 20.00 100.00	2 40.00 100.00	0 0.00 .	5 100.00
Total	1 20.00	1 20.00	1 20.00	2 40.00	0 0.00	5 100.00

Frequency **Percent** **Col Pct**	Problem solving					
L95	**COUNTRY**					**Total**
	UK	**espagna**	**germany**	**netherl**	**poland**	
Major	1 16.67 100.00	1 16.67 100.00	1 16.67 100.00	2 33.33 66.67	0 0.00 .	5 83.33
Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 16.67 33.33	0 0.00 .	1 16.67
Total	1 16.67	1 16.67	1 16.67	3 50.00	0 0.00	6 100.00

Frequency **Percent** **Col Pct**	Developing new procedures and working methods					
L96	**COUNTRY**					**Total**
	UK	**espagna**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	1 16.67 100.00	1 16.67 33.33	0 0.00 .	2 33.33
Not at all	0 0.00 0.00	1 16.67 100.00	0 0.00 0.00	1 16.67 33.33	0 0.00 .	2 33.33
Some	1 16.67 100.00	0 0.00 0.00	0 0.00 0.00	1 16.67 33.33	0 0.00 .	2 33.33

Total	1 16.67	1 16.67	1 16.67	3 50.00	0 0.00	6 100.00

Frequency Percent Col Pct	Forming strategies					
L97	**COUNTRY**					**Total**
	UK	**espagna**	**germany**	**netherl**	**poland**	
Not at all	1 20.00 100.00	1 20.00 100.00	0 0.00 0.00	1 20.00 50.00	0 0.00 .	3 60.00
Some	0 0.00 0.00	0 0.00 0.00	1 20.00 100.00	1 20.00 50.00	0 0.00 .	2 40.00
Total	1 20.00	1 20.00	1 20.00	2 40.00	0 0.00	5 100.00

Frequency Percent Col Pct	Planning and organising					
L98	**COUNTRY**					**Total**
	UK	**espagna**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	1 20.00 100.00	1 20.00 50.00	0 0.00 .	2 40.00
Not at all	0 0.00 0.00	1 20.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 20.00
Some	1 20.00 100.00	0 0.00 0.00	0 0.00 0.00	1 20.00 50.00	0 0.00 .	2 40.00
Total	1 20.00	1 20.00	1 20.00	2 40.00	0 0.00	5 100.00

Frequency Percent Col Pct	Following instructions and procedures					
L99	**COUNTRY**					**Total**
	UK	**espagna**	**germany**	**netherl**	**poland**	
Major	1 20.00 100.00	1 20.00 100.00	1 20.00 100.00	1 20.00 50.00	0 0.00 .	4 80.00
Some	0 0.00	0 0.00	0 0.00	1 20.00	0 0.00	1 20.00

	0.00	0.00	0.00	50.00	.	
Total	1 20.00	1 20.00	1 20.00	2 40.00	0 0.00	5 100.00

Frequency Percent Col Pct	Dealing with contingencies					
L100	**COUNTRY**					**Total**
	UK	**espagna**	**germany**	**netherl**	**poland**	
Major	1 16.67 100.00	0 0.00 0.00	1 16.67 100.00	2 33.33 66.67	0 0.00 .	4 66.67
Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 16.67 33.33	0 0.00 .	1 16.67
Some	0 0.00 0.00	1 16.67 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 16.67
Total	1 16.67	1 16.67	1 16.67	3 50.00	0 0.00	6 100.00

Frequency Percent Col Pct	Coping with stressful situations					
L101	**COUNTRY**					**Total**
	UK	**espagna**	**germany**	**netherl**	**poland**	
Major	1 16.67 100.00	0 0.00 0.00	1 16.67 100.00	1 16.67 33.33	0 0.00 .	3 50.00
Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 16.67 33.33	0 0.00 .	1 16.67
Some	0 0.00 0.00	1 16.67 100.00	0 0.00 0.00	1 16.67 33.33	0 0.00 .	2 33.33
Total	1 16.67	1 16.67	1 16.67	3 50.00	0 0.00	6 100.00

Frequency Percent Col Pct	Commercial thinking					
L102	**COUNTRY**					**Total**
	UK	**espagna**	**germany**	**netherl**	**poland**	
Major	0	0	1	1	0	2

	0.00 0.00	0.00 0.00	16.67 100.00	16.67 33.33	0.00 .	33.33
Not at all	1 16.67 100.00	1 16.67 100.00	0 0.00 0.00	1 16.67 33.33	0 0.00 .	3 50.00
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 16.67 33.33	0 0.00 .	1 16.67
Total	1 16.67	1 16.67	1 16.67	3 50.00	0 0.00	6 100.00

Do you expect the size of this occupation (how many people are working in the occupation) to decline, increase or remain stable in the next 5 years?

Frequency **Percent** **Col Pct**	**Table of L111 by COUNTRY**					
L111	**COUNTRY**					**Total**
	UK	**espagna**	**germany**	**netherl**	**poland**	
Increase	1 20.00 100.00	1 20.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	2 40.00
Stable	0 0.00 0.00	0 0.00 0.00	1 20.00 100.00	2 40.00 100.00	0 0.00 .	3 60.00
Total	1 20.00	1 20.00	1 20.00	2 40.00	0 0.00	5 100.00

In general most tasks were performed daily in all countries. Competent performance of all tasks was important in all countries. Here is a short summary of the tasks characteristics in all countries (UK, ES, DE, NL):

1. Study blueprints, technical manuals and engineering specifications to maintain and fix equipment. – daily in most countries (DE – weekly), competent performance is important in all countries
2. Identify the tools, equipment and skills necessary for repair and maintenance work. – daily in most countries (DE – weekly), competent performance is important in all countries
3. Install new machinery. - daily in most countries (DE – weekly), competent performance is important in all countries
4. Perform basic diagnostic tests. – daily or weekly, competent performance is important in all countries
5. Check machine performance. – daily or weekly, competent performance is important in all countries

6. Dismantle machines and remove parts for repair using hand tools, chain falls, jacks, cranes or hoists. – dily UK, ES, Nl, monthly – DE, competent performance is important in all countries
7. Test damaged machine parts. – daily in most countries, DE – weekly, competent performance is important in all countries
8. Replace the damaged and worn parts if necessary. – daily in all countries, competent performance is important in all countries
9. Reassemble machines after the completion of repair or maintenance work. - daily in all countries, competent performance is important in all countries
10. Clean and lubricate machinery. – daily in most countries, UK – weekly, competent performance is important in all countries
11. Keep records of repair and maintenance work. - daily in most countries, UK – weekly, competent performance is important in all countries

Additional formal or legal requirements for this occupation are in NL and DE.

Countries differ (between and within) as far as reported required competences are concerned. Below importance of the competences for each country are presented (UK, ES, DE, NL):

Initiating action – important in most countries (NL one answer – not at all)
Instructing co-workers – DE – important, NL – not important,
Supervising – DE – important, NL, UK – not important, ES - some
Co-operating with colleagues – UK, ES – some, DE – major, NL – diverse (some, major, not at all)
Communicating – in most countries important
Relating and networking – UK, ES– not at all, DE – major, NL - diverse
Negotiating – UK, ES– not at all, DE – major, NL - diverse
Reporting – UK, ES– some, DE – major, NL - diverse
Applying know-how, professional expertise – important in all countries
Problem solving – all countries important or some important
Developing new procedures and working methods – UK - some, ES – not at all, DE – major, NL - diverse
Forming strategies – important or some important in all countries
Planning and organising – UK - some, ES – not at all, DE, NL – major,
Following instructions and procedures – important in all countries
Dealing with contingencies – important in all countries
Coping with stressful situations – important in all countries
Commercial thinking –UK, ES – not at all, DE – important, NL - diverse

The expectation in UK, ES is that the size of the occupation increase, DE, NL – remain stable.

3.16. Occupation Power production plant operator

The task list:

1. Control and monitor boilers, turbines, generators and auxiliary equipment in power-generating plants.
2. Control the flow of electricity from a central point by operating and monitoring valves, switches and gauges.
3. Control processes and equipment for managing by-products.
4. Coordinate and schedule power loads and line voltages.
5. Compile records and reports, e.g. on equipment performance, instrument readings and switching operations.
6. Control and maintain auxiliary equipment, such as pumps, fans, compressors, condensers, feed water heaters, filters and chlorinators, to supply water, fuel, lubricants, air and auxiliary power.
7. Clean and lubricate equipment such as generators, turbines, pumps and compressors.
8. Communicate with systems operators, e.g. to regulate and coordinate transmission loads and frequencies, and line voltages.
9. Start or stop generators and connect or disconnect them to and from circuits.
10. Respond to emergencies such as fire and environmental hazards.

1. Control and monitor boilers, turbines, generators and auxiliary equipment in power-generating plants.

How frequently the task is performed (never or on a daily, weekly, monthly or yearly basis)?

Frequency / Percent / Col Pct		Control and monitor boilers, turbines, generators and auxiliary equipment in power-generating plants						
	L27	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Daily	2 18.18 100.00	2 18.18 100.00	1 9.09 100.00	2 18.18 100.00	2 18.18 100.00	2 18.18 100.00	11 100.00
	Total	2 18.18	2 18.18	1 9.09	2 18.18	2 18.18	2 18.18	11 100.00

Frequency / Percent / Col Pct		Control the flow of electricity from a central point by operating and monitoring valves, switches and gauges						
	L28	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Daily	2 18.18 100.00	2 18.18 100.00	1 9.09 100.00	2 18.18 100.00	2 18.18 100.00	2 18.18 100.00	11 100.00

Total	2 18.18	2 18.18	1 9.09	2 18.18	2 18.18	2 18.18	11 100.00

Frequency Percent Col Pct	Control processes and equipment for managing by-products						
L29	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	1 11.11 100.00	2 22.22 100.00	1 11.11 100.00	1 11.11 50.00	1 11.11 100.00	2 22.22 100.00	8 88.89
Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	0 0.00 0.00	0 0.00 0.00	1 11.11
Total	1 11.11	2 22.22	1 11.11	2 22.22	1 11.11	2 22.22	9 100.00

Frequency Percent Col Pct	Coordinate and schedule power loads and line voltages						
L30	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	2 18.18 100.00	2 18.18 100.00	1 9.09 100.00	2 18.18 100.00	2 18.18 100.00	2 18.18 100.00	11 100.00
Total	2 18.18	2 18.18	1 9.09	2 18.18	2 18.18	2 18.18	11 100.00

Frequency Percent Col Pct	Compile records and reports, e.g. on equipment performance, instrument readings and switching operations						
L31	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	2 18.18 100.00	1 9.09 50.00	1 9.09 100.00	2 18.18 100.00	2 18.18 100.00	2 18.18 100.00	10 90.91
Weekly	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09
Total	2 18.18	2 18.18	1 9.09	2 18.18	2 18.18	2 18.18	11 100.00

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Frequency / Percent / Col Pct	Control and maintain auxiliary equipment, such as pumps, fans, compressors, condensers, feed water heaters, filters and chlorinators, to supply water, fuel, lubricants, air and auxiliary power.						
L32	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Daily	2 18.18 100.00	2 18.18 100.00	1 9.09 100.00	2 18.18 100.00	1 9.09 50.00	2 18.18 100.00	10 90.91
Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	1 9.09
Total	2 18.18	2 18.18	1 9.09	2 18.18	2 18.18	2 18.18	11 100.00

Frequency / Percent / Col Pct	Clean and lubricate equipment such as generators, turbines, pumps and compressors						
L33	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Daily	1 11.11 100.00	1 11.11 50.00	0 0.00 .	2 22.22 100.00	1 11.11 50.00	0 0.00 0.00	5 55.56
Never	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	1 11.11 50.00	0 0.00 0.00	1 11.11
Weekly	0 0.00 0.00	1 11.11 50.00	0 0.00 .	0 0.00 0.00	0 0.00 0.00	2 22.22 100.00	3 33.33
Total	1 11.11	2 22.22	0 0.00	2 22.22	2 22.22	2 22.22	9 100.00

Frequency / Percent / Col Pct	Communicate with systems operators, e.g. to regulate and coordinate transmission loads and frequencies, and line voltages						
L34	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Daily	2 18.18 100.00	1 9.09 50.00	1 9.09 100.00	2 18.18 100.00	2 18.18 100.00	2 18.18 100.00	10 90.91
Weekly	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09
Total	2	2	1	2	2	2	11

	18.18	18.18	9.09	18.18	18.18	18.18	100.00

Frequency / Percent / Col Pct	Start or stop generators and connect or disconnect them to and from circuits						
L35	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Daily	1 14.29 100.00	2 28.57 100.00	1 14.29 100.00	2 28.57 100.00	1 14.29 100.00	0 0.00 .	7 100.00
Total	1 14.29	2 28.57	1 14.29	2 28.57	1 14.29	0 0.00	7 100.00

Frequency / Percent / Col Pct	Respond to emergencies such as fire and environmental hazards						
L36	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Daily	0 0.00 .	0 0.00 0.00	0 0.00 .	2 33.33 100.00	1 16.67 100.00	1 16.67 100.00	4 66.67
Weekly	0 0.00 .	2 33.33 100.00	0 0.00 .	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 33.33
Total	0 0.00	2 33.33	0 0.00	2 33.33	1 16.67	1 16.67	6 100.00

How important is competent performance of this task in this occupation?

Frequency / Percent / Col Pct	Control and monitor boilers, turbines, generators and auxiliary equipment in power-generating plants						
L40	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Major	2 18.18 100.00	2 18.18 100.00	1 9.09 100.00	2 18.18 100.00	2 18.18 100.00	2 18.18 100.00	11 100.00
Total	2 18.18	2 18.18	1 9.09	2 18.18	2 18.18	2 18.18	11 100.00

Frequency / Percent	Control the flow of electricity from a central point by operating and monitoring valves, switches and gauges		
L41	COUNTRY		Total

Col Pct		UK	espagna	france	germany	netherl	poland	
	Major	2 18.18 100.00	2 18.18 100.00	1 9.09 100.00	2 18.18 100.00	2 18.18 100.00	2 18.18 100.00	11 100.00
	Total	2 18.18	2 18.18	1 9.09	2 18.18	2 18.18	2 18.18	11 100.00

Frequency Percent Col Pct	Control processes and equipment for managing by-products						
L42	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Major	2 20.00 100.00	2 20.00 100.00	1 10.00 100.00	1 10.00 100.00	1 10.00 50.00	2 20.00 100.00	9 90.00
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	1 10.00
Total	2 20.00	2 20.00	1 10.00	1 10.00	2 20.00	2 20.00	10 100.00

Frequency Percent Col Pct	Coordinate and schedule power loads and line voltages						
L43	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Major	2 18.18 100.00	2 18.18 100.00	1 9.09 100.00	2 18.18 100.00	2 18.18 100.00	2 18.18 100.00	11 100.00
Total	2 18.18	2 18.18	1 9.09	2 18.18	2 18.18	2 18.18	11 100.00

Frequency Percent Col Pct	Compile records and reports, e.g. on equipment performance, instrument readings and switching operations						
L44	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Major	2 18.18 100.00	0 0.00 0.00	1 9.09 100.00	2 18.18 100.00	2 18.18 100.00	2 18.18 100.00	9 81.82
Some	0 0.00 0.00	2 18.18 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 18.18

Total	2 18.18	2 18.18	1 9.09	2 18.18	2 18.18	2 18.18	11 100.00

Frequency Percent Col Pct	Control and maintain auxiliary equipment, such as pumps, fans, compressors, condensers, feed water heaters, filters and chlorinators, to supply water, fuel, lubricants, air and auxiliary power						
L45	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	2 20.00 100.00	2 20.00 100.00	1 10.00 100.00	2 20.00 100.00	1 10.00 100.00	2 20.00 100.00	10 100.00
Total	2 20.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency Percent Col Pct	Clean and lubricate equipment such as generators, turbines, pumps and compressors						
L46	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	2 20.00 100.00	1 10.00 100.00	1 10.00 50.00	5 50.00
Some	1 10.00 50.00	2 20.00 100.00	1 10.00 100.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	5 50.00
Total	2 20.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency Percent Col Pct	Communicate with systems operators, e.g. to regulate and coordinate transmission loads and frequencies, and line voltages						
L47	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 9.09 50.00	1 9.09 50.00	1 9.09 100.00	2 18.18 100.00	1 9.09 50.00	2 18.18 100.00	8 72.73
Some	1 9.09 50.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	3 27.27
Total	2 18.18	2 18.18	1 9.09	2 18.18	2 18.18	2 18.18	11 100.00

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Frequency / Percent / Col Pct	Start or stop generators and connect or disconnect them to and from circuits						
L48	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Major	2 18.18 100.00	1 9.09 50.00	1 9.09 100.00	2 18.18 100.00	2 18.18 100.00	2 18.18 100.00	10 90.91
Some	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09
Total	2 18.18	2 18.18	1 9.09	2 18.18	2 18.18	2 18.18	11 100.00

Frequency / Percent / Col Pct	. Respond to emergencies such as fire and environmental hazards.						
L49	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Major	2 18.18 100.00	2 18.18 100.00	1 9.09 100.00	2 18.18 100.00	2 18.18 100.00	2 18.18 100.00	11 100.00
Total	2 18.18	2 18.18	1 9.09	2 18.18	2 18.18	2 18.18	11 100.00

Are there additional formal or legal requirements for this occupation

Frequency / Percent / Col Pct	certification (training / course)						
L121_2	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
1	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	1 100.00 100.00	0 0.00 .	1 100.00
Total	0 0.00	0 0.00	0 0.00	0 0.00	1 100.00	0 0.00	1 100.00

Frequency / Percent / Col Pct	working according to a professional code or protocol						
L121_3	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
1	0	0	0	0	1	2	3

	0.00 .	0.00 .	0.00 .	0.00 .	33.33 100.00	66.67 100.00	100.00
Total	0 0.00	0 0.00	0 0.00	0 0.00	1 33.33	2 66.67	3 100.00

Frequency **Percent** **Col Pct**	other						
L121_4	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
1	1 33.33 100.00	0 0.00 .	0 0.00 .	2 66.67 100.00	0 0.00 .	0 0.00 .	3 100.00
Total	1 33.33	0 0.00	0 0.00	2 66.67	0 0.00	0 0.00	3 100.00

How are the additional *professional code or protocol requirements* established/laid down?

Frequency **Percent** **Col Pct**	**Table of L77 by COUNTRY**						
L77	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Branch or industry	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 0.00	2 66.67 100.00	2 66.67
Federal government	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	1 33.33 100.00	0 0.00 0.00	1 33.33
Total	0 0.00	0 0.00	0 0.00	0 0.00	1 33.33	2 66.67	3 100.00

How are the additional *other requirements* established/laid down?

Frequency **Percent** **Col Pct**	**Table of L79 by COUNTRY**						
L79	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Branch or industry	0 0.00 0.00	0 0.00 .	0 0.00 .	2 66.67 100.00	0 0.00 .	0 0.00 .	2 66.67
Law or legal requirement	1 33.33 100.00	0 0.00 .	0 0.00 .	0 0.00 0.00	0 0.00 .	0 0.00 .	1 33.33

Total	1 33.33	0 0.00	0 0.00	2 66.67	0 0.00	0 0.00	3 100.00

Relevance of the competencies mentioned below for this occupation

Frequency Percent Col Pct	Initiating action						
L86	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	2 20.00 100.00	0 0.00 0.00	0 0.00 0.00	2 20.00 100.00	0 0.00 0.00	2 20.00 100.00	6 60.00
Some	0 0.00 0.00	2 20.00 100.00	1 10.00 100.00	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	4 40.00
Total	2 20.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency Percent Col Pct	Instructing co-workers						
L87	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 20.00 100.00	0 0.00 0.00	1 10.00 50.00	3 30.00
Some	2 20.00 100.00	2 20.00 100.00	1 10.00 100.00	0 0.00 0.00	1 10.00 100.00	1 10.00 50.00	7 70.00
Total	2 20.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency Percent Col Pct	Supervising						
L88	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	1 10.00 50.00	2 20.00
Not at all	1 10.00 50.00	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 20.00
Some	1	2	0	1	1	1	6

	10.00 50.00	20.00 100.00	0.00 0.00	10.00 50.00	10.00 100.00	10.00 50.00	60.00
Total	2 20.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency Percent Col Pct	Co-operating with colleagues						
L89	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 10.00 50.00	0 0.00 0.00	1 10.00 100.00	2 20.00 100.00	0 0.00 0.00	1 10.00 50.00	5 50.00
Not at all	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00
Some	1 10.00 50.00	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	1 10.00 50.00	4 40.00
Total	2 20.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency Percent Col Pct	Communicating						
L90	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	2 22.22 100.00	0 0.00 0.00	1 11.11 100.00	1 11.11 100.00	1 11.11 100.00	1 11.11 50.00	6 66.67
Not at all	0 0.00 0.00	1 11.11 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11
Some	0 0.00 0.00	1 11.11 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11 50.00	2 22.22
Total	2 22.22	2 22.22	1 11.11	1 11.11	1 11.11	2 22.22	9 100.00

Frequency Percent Col Pct	Relating and networking						
L91	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	

Major	1 11.11 50.00	0 0.00 0.00	1 11.11 100.00	0 0.00 0.00	0 0.00 0.00	2 22.22 100.00	4 44.44
Not at all	1 11.11 50.00	2 22.22 100.00	0 0.00 0.00	0 0.00 0.00	1 11.11 100.00	0 0.00 0.00	4 44.44
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11 100.00	0 0.00 0.00	0 0.00 0.00	1 11.11
Total	2 22.22	2 22.22	1 11.11	1 11.11	1 11.11	2 22.22	9 100.00

Frequency Percent Col Pct	Negotiating						
L92	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00
Not at all	1 10.00 50.00	2 20.00 100.00	1 10.00 100.00	2 20.00 100.00	1 10.00 100.00	0 0.00 0.00	7 70.00
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 20.00 100.00	2 20.00
Total	2 20.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency Percent Col Pct	Reporting						
L93	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	2 20.00 100.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	2 20.00 100.00	5 50.00
Some	0 0.00 0.00	2 20.00 100.00	1 10.00 100.00	1 10.00 50.00	1 10.00 100.00	0 0.00 0.00	5 50.00
Total	2 20.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

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Frequency / Percent / Col Pct	Applying know-how, professional expertise						
L94	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Major	2 20.00 100.00	0 0.00 0.00	1 10.00 100.00	2 20.00 100.00	1 10.00 100.00	2 20.00 100.00	8 80.00
Some	0 0.00 0.00	2 20.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 20.00
Total	2 20.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency / Percent / Col Pct	Problem solving						
L95	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Major	2 20.00 100.00	0 0.00 0.00	1 10.00 100.00	2 20.00 100.00	1 10.00 100.00	1 10.00 50.00	7 70.00
Some	0 0.00 0.00	2 20.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	3 30.00
Total	2 20.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency / Percent / Col Pct	Developing new procedures and working methods						
L96	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Not at all	1 11.11 50.00	2 22.22 100.00	0 0.00 .	2 22.22 100.00	0 0.00 0.00	0 0.00 0.00	5 55.56
Some	1 11.11 50.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	1 11.11 100.00	2 22.22 100.00	4 44.44
Total	2 22.22	2 22.22	0 0.00	2 22.22	1 11.11	2 22.22	9 100.00

Frequency	Forming strategies

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Percent / Col Pct	L97	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Not at all	2 20.00 100.00	2 20.00 100.00	1 10.00 100.00	2 20.00 100.00	0 0.00 0.00	0 0.00 0.00	7 70.00
	Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	2 20.00 100.00	3 30.00
	Total	2 20.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency / Percent / Col Pct	Planning and organising							
	L98	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Major	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	2 20.00
	Not at all	0 0.00 0.00	2 20.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 20.00
	Some	2 20.00 100.00	0 0.00 0.00	0 0.00 0.00	2 20.00 100.00	1 10.00 100.00	1 10.00 50.00	6 60.00
	Total	2 20.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency / Percent / Col Pct	Following instructions and procedures							
	L99	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Major	2 20.00 100.00	0 0.00 0.00	1 10.00 100.00	2 20.00 100.00	1 10.00 100.00	2 20.00 100.00	8 80.00
	Some	0 0.00 0.00	2 20.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 20.00
	Total	2 20.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency Percent Col Pct	Dealing with contingencies						
L100	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Major	2 20.00 100.00	0 0.00 0.00	1 10.00 100.00	2 20.00 100.00	1 10.00 100.00	2 20.00 100.00	8 80.00
Some	0 0.00 0.00	2 20.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 20.00
Total	2 20.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency Percent Col Pct	Coping with stressful situations						
L101	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Major	2 22.22 100.00	0 0.00 0.00	0 0.00 .	2 22.22 100.00	1 11.11 100.00	2 22.22 100.00	7 77.78
Not at all	0 0.00 0.00	2 22.22 100.00	0 0.00 .	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 22.22
Total	2 22.22	2 22.22	0 0.00	2 22.22	1 11.11	2 22.22	9 100.00

Frequency Percent Col Pct	Commercial thinking						
L102	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Not at all	1 10.00 50.00	2 20.00 100.00	1 10.00 100.00	2 20.00 100.00	0 0.00 0.00	0 0.00 0.00	6 60.00
Some	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	2 20.00 100.00	4 40.00
Total	2 20.00	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	10 100.00

Do you expect the size of this occupation (how many people are working in the occupation) to decline, increase or remain stable in the next 5 years?

Frequency Percent Col Pct		Table of L111 by COUNTRY						
	L111	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Decline	1 11.11 50.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11
	Stable	1 11.11 50.00	2 22.22 100.00	0 0.00 .	2 22.22 100.00	1 11.11 100.00	2 22.22 100.00	8 88.89
	Total	2 22.22	2 22.22	0 0.00	2 22.22	1 11.11	2 22.22	9 100.00

In general almost all tasks were performed daily in all countries. Competent performance of all tasks was important in all countries. Here is a short summary of the tasks characteristics in all countries (UK, ES, FR, DE, NL, PL):

1. Control and monitor boilers, turbines, generators and auxiliary equipment in power-generating plants. – daily in all countries, competent performance is important in all countries
2. Control the flow of electricity from a central point by operating and monitoring valves, switches and gauges. - daily in all countries, competent performance is important in all countries
3. Control processes and equipment for managing by-products. - daily in all countries (one answer in DE – never), competent performance is important in all countries
4. Coordinate and schedule power loads and line voltages. - daily in all countries, competent performance is important in all countries
5. Compile records and reports, e.g. on equipment performance, instrument readings and switching operations. - daily in all countries, competent performance is important in all countries
6. Control and maintain auxiliary equipment, such as pumps, fans, compressors, condensers, feed water heaters, filters and chlorinators, to supply water, fuel, lubricants, air and auxiliary power. - daily in all countries (one answer in NL – never), competent performance is important in all countries
7. Clean and lubricate equipment such as generators, turbines, pumps and compressors. - daily in all countries (one answer in NL – never), competent performance is important in all countries (some ES, FR)
8. Communicate with systems operators, e.g. to regulate and coordinate transmission loads and frequencies, and line voltages. - daily in all countries, competent performance is important in all countries
9. Start or stop generators and connect or disconnect them to and from circuits. - daily in all countries, competent performance is important in all countries
10. Respond to emergencies such as fire and environmental hazards. - weekly in ES, daily in DE, NL, PL, competent performance is important in all countries

Additional formal or legal requirements for this occupation are in UK, NL, and DE.

Countries differ (between and within) as far as reported required competences are concerned. Below importance of the competences for each country are presented (UK, ES, DE, NL):

Initiating action – important or some important in all countries
Instructing co-workers – in most countries some important (DE, PL – important)
Supervising – in most countries some important or important (FR – not at all)
Co-operating with colleagues – in most countries important (ES – not at all)
Communicating – in most countries important except ES
Relating and networking – important in UK, ES, PL, not at all in ES, NL
Negotiating – in most countries not at all (Poland some, UK – diverse)
Reporting – important or some important in all countries
Applying know-how, professional expertise – important in most countries (ES – some)
Problem solving – important in most countries (ES – some)
Developing new procedures and working methods – important or some important in all countries
Forming strategies – important or some important in all countries
Planning and organising – important or some important in all countries (ES – not at all),
Following instructions and procedures – important or some important in all countries
Dealing with contingencies – important or some important in all countries
Coping with stressful situations – important in most countries (ES – not at all)
Commercial thinking – important or some important in all countries

According to most experts in all countries the size of the occupation remain stable.

3.17. Occupation Quality assurance inspektor

1. Analyse and interpret relevant information (such as blueprints, manuals, etc.) to determine specifications.
2. Perform required inspections, tests or measurements of materials, products or installations, and check whether specifications are met.
3. Mark inspected items with details such as grade and rejection status.
4. Observe and monitor production operations and equipment to ensure conformity to specifications.
5. Determine the cause of problems or defects.
6. Record inspection or test data, such as weight, temperature, grade or moisture content, and quantities inspected or graded.
7. Notify supervisors and other personnel of production problems or defects, and assist in identifying and correcting problems or defects.
8. Train and assist operators to carry out their quality control functions.

9. Participate in organising the production process (e.g. propose changes that may improve the process, participate in quality system design).
10. Analyse test data and compute statistical measures as necessary to determine test results.

How frequently the task is performed (never or on a daily, weekly, monthly or yearly basis)?

Frequency / Percent / Col Pct	Analyse and interpret relevant information (such as blueprints, manuals, etc.) to determine specifications						
L27	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Daily	1 9.09 50.00	2 18.18 100.00	1 9.09 50.00	1 9.09 50.00	1 9.09 50.00	1 9.09 100.00	7 63.64
Monthly	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	2 18.18
Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	1 9.09
Weekly	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09
Total	2 18.18	2 18.18	2 18.18	2 18.18	2 18.18	1 9.09	11 100.00

Frequency / Percent / Col Pct	Perform required inspections, tests or measurements of materials, products or installations, and check whether specifications are met						
L28	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Daily	2 18.18 100.00	2 18.18 100.00	2 18.18 100.00	2 18.18 100.00	2 18.18 100.00	1 9.09 100.00	11 100.00
Total	2 18.18	2 18.18	2 18.18	2 18.18	2 18.18	1 9.09	11 100.00

Frequency / Percent / Col Pct	Mark inspected items with details such as grade and rejection status						
L29	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Daily	2 18.18 100.00	1 9.09 50.00	2 18.18 100.00	2 18.18 100.00	2 18.18 100.00	1 9.09 100.00	10 90.91

Weekly	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09
Total	2 18.18	2 18.18	2 18.18	2 18.18	2 18.18	1 9.09	11 100.00

Frequency Percent Col Pct	Observe and monitor production operations and equipment to ensure conformity to specifications.						
L30	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	0 0.00 0.00	1 10.00 50.00	2 20.00 100.00	2 20.00 100.00	1 10.00 100.00	1 10.00 100.00	7 70.00
Weekly	2 20.00 100.00	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	3 30.00
Total	2 20.00	2 20.00	2 20.00	2 20.00	1 10.00	1 10.00	10 100.00

Frequency Percent Col Pct	Determine the cause of problems or defects.						
L31	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	0 0.00 0.00	2 20.00 100.00	2 20.00 100.00	1 10.00 50.00	0 0.00 0.00	1 10.00 100.00	6 60.00
Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	1 10.00
Weekly	2 20.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	3 30.00
Total	2 20.00	2 20.00	2 20.00	2 20.00	1 10.00	1 10.00	10 100.00

Frequency Percent Col Pct	Record inspection or test data, such as weight, temperature, grade or moisture content, and quantities inspected or graded						
L32	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	2	2	1	2	2	1	10

	18.18 100.00	18.18 100.00	9.09 50.00	18.18 100.00	18.18 100.00	9.09 100.00	90.91
Weekly	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09
Total	2 18.18	2 18.18	2 18.18	2 18.18	2 18.18	1 9.09	11 100.00

Frequency **Percent** **Col Pct**	Notify supervisors and other personnel of production problems or defects, and assist in identifying and correcting problems or defects						
L33	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	0 0.00 0.00	2 18.18 100.00	2 18.18 100.00	2 18.18 100.00	1 9.09 50.00	1 9.09 100.00	8 72.73
Weekly	2 18.18 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	3 27.27
Total	2 18.18	2 18.18	2 18.18	2 18.18	2 18.18	1 9.09	11 100.00

Frequency **Percent** **Col Pct**	Train and assist operators to carry out their quality control functions						
L34	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	1 10.00 50.00	1 10.00 50.00	0 0.00 0.00	3 30.00
Monthly	1 10.00 100.00	2 20.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	3 30.00
Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	1 10.00
Weekly	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	1 10.00 50.00	1 10.00 100.00	3 30.00
Total	1 10.00	2 20.00	2 20.00	2 20.00	2 20.00	1 10.00	10 100.00

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Frequency / Percent / Col Pct	Participate in organising the production process (e.g. propose changes that may improve the process, participate in quality system design).						
L35	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	1 9.09 50.00	1 9.09 50.00	0 0.00 0.00	3 27.27
Monthly	2 18.18 100.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	1 9.09 100.00	5 45.45
Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	1 9.09
Weekly	0 0.00 0.00	1 9.09 50.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 18.18
Total	2 18.18	2 18.18	2 18.18	2 18.18	2 18.18	1 9.09	11 100.00

Frequency / Percent / Col Pct	Analyse test data and compute statistical measures as necessary to determine test results						
L36	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	0 0.00 0.00	2 20.00 100.00	1 10.00 50.00	2 20.00 100.00	1 10.00 50.00	0 0.00 0.00	6 60.00
Monthly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	1 10.00
Weekly	1 10.00 100.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	3 30.00
Total	1 10.00	2 20.00	2 20.00	2 20.00	2 20.00	1 10.00	10 100.00

Frequency / Percent / Col Pct	Compile inspection and test reports.						
L36B	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	1 9.09	2 18.18	1 9.09	2 18.18	0 0.00	1 9.09	7 63.64

	50.00	100.00	50.00	100.00	0.00	100.00	
Monthly	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09
Weekly	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 18.18 100.00	0 0.00 0.00	3 27.27
Total	2 18.18	2 18.18	2 18.18	2 18.18	2 18.18	1 9.09	11 100.00

How important is competent performance of this task in this occupation?

Frequency **Percent** **Col Pct**	Analyse and interpret relevant information (such as blueprints, manuals, etc.) to determine specifications.						
L40	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	2 22.22 100.00	1 11.11 100.00	0 0.00 0.00	1 11.11 100.00	2 22.22 100.00	1 11.11 100.00	7 77.78
Some	0 0.00 0.00	0 0.00 0.00	2 22.22 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 22.22
Total	2 22.22	1 11.11	2 22.22	1 11.11	2 22.22	1 11.11	9 100.00

Frequency **Percent** **Col Pct**	Perform required inspections, tests or measurements of materials, products or installations, and check whether specifications are met						
L41	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	2 20.00 100.00	1 10.00 100.00	0 0.00 0.00	2 20.00 100.00	2 20.00 100.00	1 10.00 100.00	8 80.00
Some	0 0.00 0.00	0 0.00 0.00	2 20.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 20.00
Total	2 20.00	1 10.00	2 20.00	2 20.00	2 20.00	1 10.00	10 100.00

Frequency **Percent**	Mark inspected items with details such as grade and rejection status		
L42	**COUNTRY**		**Total**

Col Pct		UK	espagna	france	germany	netherl	poland	
Major		1 10.00 50.00	2 20.00 100.00	0 0.00 0.00	2 20.00 100.00	1 10.00 100.00	1 10.00 100.00	7 70.00
Some		1 10.00 50.00	0 0.00 0.00	2 20.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	3 30.00
Total		2 20.00	2 20.00	2 20.00	2 20.00	1 10.00	1 10.00	10 100.00

Frequency Percent Col Pct		Observe and monitor production operations and equipment to ensure conformity to specifications						
L43		COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
Major		2 22.22 100.00	1 11.11 100.00	0 0.00 0.00	2 22.22 100.00	1 11.11 100.00	1 11.11 100.00	7 77.78
Some		0 0.00 0.00	0 0.00 0.00	2 22.22 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 22.22
Total		2 22.22	1 11.11	2 22.22	2 22.22	1 11.11	1 11.11	9 100.00

Frequency Percent Col Pct		Determine the cause of problems or defects.						
L44		COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
Major		2 25.00 100.00	1 12.50 100.00	0 0.00 0.00	1 12.50 100.00	1 12.50 100.00	1 12.50 100.00	6 75.00
Some		0 0.00 0.00	0 0.00 0.00	2 25.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 25.00
Total		2 25.00	1 12.50	2 25.00	1 12.50	1 12.50	1 12.50	8 100.00

Frequency Percent Col Pct		Record inspection or test data, such as weight, temperature, grade or moisture content, and quantities inspected or graded						
L45		COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	

Major	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	2 20.00 100.00	2 20.00 100.00	1 10.00 100.00	6 60.00
Some	1 10.00 50.00	1 10.00 100.00	2 20.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	4 40.00
Total	2 20.00	1 10.00	2 20.00	2 20.00	2 20.00	1 10.00	10 100.00

Notify supervisors and other personnel of production problems or defects, and assist in identifying and correcting problems or defects

Frequency **Percent** **Col Pct**	**L46**	**COUNTRY**					**Total**
		UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
	Major	2 20.00 100.00	1 10.00 100.00	0 0.00 0.00	2 20.00 100.00	2 20.00 100.00	1 10.00 100.00	8 80.00
	Some	0 0.00 0.00	0 0.00 0.00	2 20.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 20.00
	Total	2 20.00	1 10.00	2 20.00	2 20.00	2 20.00	1 10.00	10 100.00

Train and assist operators to carry out their quality control functions

Frequency **Percent** **Col Pct**	**L47**	**COUNTRY**					**Total**
		UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
	Major	2 20.00 100.00	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	2 20.00 100.00	0 0.00 0.00	5 50.00
	Some	0 0.00 0.00	1 10.00 50.00	2 20.00 100.00	1 10.00 100.00	0 0.00 0.00	1 10.00 100.00	5 50.00
	Total	2 20.00	2 20.00	2 20.00	1 10.00	2 20.00	1 10.00	10 100.00

Participate in organising the production process (e.g. propose changes that may improve the process, participate in quality system design).

Frequency **Percent** **Col Pct**	**L48**	**COUNTRY**					**Total**
		UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
	Major	1	1	0	0	2	0	4

	10.00 50.00	10.00 50.00	0.00 0.00	0.00 0.00	20.00 100.00	0.00 0.00	40.00
Some	1 10.00 50.00	1 10.00 50.00	2 20.00 100.00	1 10.00 100.00	0 0.00 0.00	1 10.00 100.00	6 60.00
Total	2 20.00	2 20.00	2 20.00	1 10.00	2 20.00	1 10.00	10 100.00

Frequency / Percent / Col Pct

Analyse test data and compute statistical measures as necessary to determine test results

L49	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Major	1 11.11 100.00	1 11.11 100.00	0 0.00 0.00	2 22.22 100.00	2 22.22 100.00	0 0.00 0.00	6 66.67
Some	0 0.00 0.00	0 0.00 0.00	2 22.22 100.00	0 0.00 0.00	0 0.00 0.00	1 11.11 100.00	3 33.33
Total	1 11.11	1 11.11	2 22.22	2 22.22	2 22.22	1 11.11	9 100.00

Frequency / Percent / Col Pct

Compile inspection and test reports

L49B	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Major	2 18.18 100.00	1 9.09 50.00	0 0.00 0.00	2 18.18 100.00	2 18.18 100.00	1 9.09 100.00	8 72.73
Some	0 0.00 0.00	1 9.09 50.00	2 18.18 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	3 27.27
Total	2 18.18	2 18.18	2 18.18	2 18.18	2 18.18	1 9.09	11 100.00

Are there additional formal or legal requirements for this occupation

Frequency / Percent / Col Pct

certification (training / course)

L121_2	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
1	1	0	0	1	2	0	4

	25.00 100.00	0.00 .	0.00 .	25.00 100.00	50.00 100.00	0.00 .	100.00
Total	1 25.00	0 0.00	0 0.00	1 25.00	2 50.00	0 0.00	4 100.00

Frequency **Percent** **Col Pct**	working according to a professional code or protocol						
L121_3	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
1	0 0.00 .	0 0.00 .	1 33.33 100.00	0 0.00 .	1 33.33 100.00	1 33.33 100.00	3 100.00
Total	0 0.00	0 0.00	1 33.33	0 0.00	1 33.33	1 33.33	3 100.00

Frequency **Percent** **Col Pct**	other						
L121_4	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
1	0 0.00 .	0 0.00 .	0 0.00 .	1 100.00 100.00	0 0.00 .	0 0.00 .	1 100.00
Total	0 0.00	0 0.00	0 0.00	1 100.00	0 0.00	0 0.00	1 100.00

How are the additional *certification (training/course) requirements* established/laid down?

Frequency **Percent** **Col Pct**	**Table of L75 by COUNTRY**						
L75	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Collective labour agreement	1 20.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	0 0.00 0.00	1 20.00
Federal government	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	1 20.00 100.00	1 20.00
Law or legal requirement	0 0.00 0.00	0 0.00 0.00	1 20.00 100.00	0 0.00 .	1 20.00 100.00	0 0.00 0.00	2 40.00

Other	0 0.00 0.00	1 20.00 100.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	0 0.00 0.00	1 20.00
Total	1 20.00	1 20.00	1 20.00	0 0.00	1 20.00	1 20.00	5 100.00

How are the additional *professional code or protocol requirements* established/laid down?

Frequency Percent Col Pct	Table of L77 by COUNTRY						
L77	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Branch or industry	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	1 50.00 100.00	1 50.00 100.00	2 100.00
Total	0 0.00	0 0.00	0 0.00	0 0.00	1 50.00	1 50.00	2 100.00

How are the additional *other requirements* established/laid down?

Frequency Percent Col Pct	Table of L79 by COUNTRY						
L79	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Branch or industry	0 0.00 .	0 0.00 .	0 0.00 .	1 100.00 100.00	0 0.00 .	0 0.00 .	1 100.00
Total	0 0.00	0 0.00	0 0.00	1 100.00	0 0.00	0 0.00	1 100.00

Relevance of the competencies mentioned below for this occupation

Frequency Percent Col Pct	Initiating action						
L86	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	2 18.18 100.00	1 9.09 50.00	1 9.09 100.00	5 45.45
Some	2 18.18 100.00	1 9.09 50.00	2 18.18 100.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	6 54.55
Total	2	2	2	2	2	1	11

	18.18	18.18	18.18	18.18	18.18	9.09	100.00

Frequency Percent Col Pct	Instructing co-workers						
L87	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 18.18 100.00	2 18.18 100.00	1 9.09 100.00	5 45.45
Some	2 18.18 100.00	2 18.18 100.00	2 18.18 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	6 54.55
Total	2 18.18	2 18.18	2 18.18	2 18.18	2 18.18	1 9.09	11 100.00

Frequency Percent Col Pct	Supervising						
L88	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 20.00 100.00	1 10.00 50.00	1 10.00 100.00	4 40.00
Not at all	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	2 20.00
Some	1 10.00 50.00	2 20.00 100.00	1 10.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	4 40.00
Total	2 20.00	2 20.00	1 10.00	2 20.00	2 20.00	1 10.00	10 100.00

Frequency Percent Col Pct	Co-operating with colleagues						
L89	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Major	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	2 18.18 100.00	1 9.09 50.00	1 9.09 100.00	5 45.45
Not at all	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09

Some	1 9.09 50.00	1 9.09 50.00	2 18.18 100.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	5 45.45
Total	2 18.18	2 18.18	2 18.18	2 18.18	2 18.18	1 9.09	11 100.00

Frequency
Percent
Col Pct

Communicating

L90	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	2 18.18 100.00	2 18.18 100.00	1 9.09 100.00	6 54.55
Not at all	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09
Some	1 9.09 50.00	1 9.09 50.00	2 18.18 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	4 36.36
Total	2 18.18	2 18.18	2 18.18	2 18.18	2 18.18	1 9.09	11 100.00

Frequency
Percent
Col Pct

Relating and networking

L91	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	1 9.09 50.00	0 0.00 0.00	2 18.18
Not at all	1 9.09 50.00	2 18.18 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	3 27.27
Some	1 9.09 50.00	0 0.00 0.00	2 18.18 100.00	1 9.09 50.00	1 9.09 50.00	1 9.09 100.00	6 54.55
Total	2 18.18	2 18.18	2 18.18	2 18.18	2 18.18	1 9.09	11 100.00

Frequency
Percent

Negotiating

L92	**COUNTRY**	**Total**

Col Pct		UK	espagna	france	germany	netherl	poland	
	Major	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09 100.00	2 18.18
	Not at all	1 9.09 50.00	2 18.18 100.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	4 36.36
	Some	0 0.00 0.00	0 0.00 0.00	2 18.18 100.00	1 9.09 50.00	2 18.18 100.00	0 0.00 0.00	5 45.45
	Total	2 18.18	2 18.18	2 18.18	2 18.18	2 18.18	1 9.09	11 100.00

Frequency Percent Col Pct		Reporting						
	L93	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Major	2 18.18 100.00	0 0.00 0.00	0 0.00 0.00	2 18.18 100.00	2 18.18 100.00	1 9.09 100.00	7 63.64
	Not at all	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09
	Some	0 0.00 0.00	1 9.09 50.00	2 18.18 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	3 27.27
	Total	2 18.18	2 18.18	2 18.18	2 18.18	2 18.18	1 9.09	11 100.00

Frequency Percent Col Pct		Applying know-how, professional expertise						
	L94	COUNTRY						Total
		UK	espagna	france	germany	netherl	poland	
	Major	2 18.18 100.00	1 9.09 50.00	0 0.00 0.00	2 18.18 100.00	2 18.18 100.00	1 9.09 100.00	8 72.73
	Some	0 0.00 0.00	1 9.09 50.00	2 18.18 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	3 27.27
	Total	2 18.18	2 18.18	2 18.18	2 18.18	2 18.18	1 9.09	11 100.00

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Frequency / Percent / Col Pct	Problem solving						
L95	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Major	2 18.18 100.00	1 9.09 50.00	0 0.00 0.00	2 18.18 100.00	2 18.18 100.00	1 9.09 100.00	8 72.73
Some	0 0.00 0.00	1 9.09 50.00	2 18.18 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	3 27.27
Total	2 18.18	2 18.18	2 18.18	2 18.18	2 18.18	1 9.09	11 100.00

Frequency / Percent / Col Pct	Developing new procedures and working methods						
L96	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Major	1 9.09 50.00	0 0.00 0.00	1 9.09 50.00	1 9.09 50.00	1 9.09 50.00	0 0.00 0.00	4 36.36
Not at all	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	2 18.18
Some	1 9.09 50.00	1 9.09 50.00	1 9.09 50.00	0 0.00 0.00	1 9.09 50.00	1 9.09 100.00	5 45.45
Total	2 18.18	2 18.18	2 18.18	2 18.18	2 18.18	1 9.09	11 100.00

Frequency / Percent / Col Pct	Forming strategies						
L97	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	1 10.00 50.00	0 0.00 0.00	2 20.00
Not at all	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	1 10.00 50.00	0 0.00 0.00	3 30.00
Some	1	1	2	0	0	1	5

	10.00 50.00	10.00 100.00	20.00 100.00	0.00 0.00	0.00 0.00	10.00 100.00	50.00
Total	2 20.00	1 10.00	2 20.00	2 20.00	2 20.00	1 10.00	10 100.00

Frequency **Percent** **Col Pct**	Planning and organising						
L98	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 18.18 100.00	2 18.18 100.00	0 0.00 0.00	4 36.36
Not at all	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09
Some	2 18.18 100.00	1 9.09 50.00	2 18.18 100.00	0 0.00 0.00	0 0.00 0.00	1 9.09 100.00	6 54.55
Total	2 18.18	2 18.18	2 18.18	2 18.18	2 18.18	1 9.09	11 100.00

Frequency **Percent** **Col Pct**	Following instructions and procedures						
L99	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	2 18.18 100.00	1 9.09 50.00	0 0.00 0.00	2 18.18 100.00	2 18.18 100.00	1 9.09 100.00	8 72.73
Some	0 0.00 0.00	1 9.09 50.00	2 18.18 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	3 27.27
Total	2 18.18	2 18.18	2 18.18	2 18.18	2 18.18	1 9.09	11 100.00

Frequency **Percent** **Col Pct**	Dealing with contingencies						
L100	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 9.09 50.00	1 9.09 50.00	0 0.00 0.00	2 18.18 100.00	1 9.09 50.00	1 9.09 100.00	6 54.55

Not at all	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09
Some	0 0.00 0.00	1 9.09 50.00	2 18.18 100.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	4 36.36
Total	2 18.18	2 18.18	2 18.18	2 18.18	2 18.18	1 9.09	11 100.00

Frequency
Percent
Col Pct

Coping with stressful situations

L101	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	2 20.00 100.00	0 0.00 0.00	0 0.00 .	3 30.00
Not at all	1 10.00 50.00	2 20.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	3 30.00
Some	0 0.00 0.00	0 0.00 0.00	2 20.00 100.00	0 0.00 0.00	2 20.00 100.00	0 0.00 .	4 40.00
Total	2 20.00	2 20.00	2 20.00	2 20.00	2 20.00	0 0.00	10 100.00

Frequency
Percent
Col Pct

Commercial thinking

L102	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	1 9.09
Not at all	1 9.09 50.00	2 18.18 100.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	4 36.36
Some	1 9.09 50.00	0 0.00 0.00	2 18.18 100.00	0 0.00 0.00	2 18.18 100.00	1 9.09 100.00	6 54.55
Total	2 18.18	2 18.18	2 18.18	2 18.18	2 18.18	1 9.09	11 100.00

Do you expect the size of this occupation (how many people are working in the occupation) to decline, increase or remain stable in the next 5 years?

Frequency / Percent / Col Pct	Table of L111 by COUNTRY						
L111	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Decline	2 20.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 20.00
Increase	0 0.00 0.00	2 20.00 100.00	1 10.00 50.00	1 10.00 50.00	0 0.00 0.00	1 10.00 100.00	5 50.00
Stable	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	1 10.00 50.00	1 10.00 100.00	0 0.00 0.00	3 30.00
Total	2 20.00	2 20.00	2 20.00	2 20.00	1 10.00	1 10.00	10 100.00

In general almost all tasks were performed daily in all countries (except Train and assist operators to carry out their quality control functions, and Participate in organising the production process (e.g. propose changes that may improve the process, participate in quality system design). Competent performance of all tasks was important in almost all countries (in FR – most answers: some importance). Here is a short summary of the tasks characteristics in all countries (UK, ES, FR, DE, NL, PL):

1. Analyse and interpret relevant information (such as blueprints, manuals, etc.) to determine specifications. – daily in all countries (one answer in UK – weekly, FR, NL – weekly, DE – never), competence performance is important in all countries (FR – some)
2. Perform required inspections, tests or measurements of materials, products or installations, and check whether specifications are met. – daily in all countries, competence performance is important in all countries (FR – some)
3. Mark inspected items with details such as grade and rejection status. - daily in all countries, competence performance is important in all countries (FR – some)
4. Observe and monitor production operations and equipment to ensure conformity to specifications. - daily in most countries (UK – weekly), competence performance is important in all countries (FR – some)
5. Determine the cause of problems or defects. - daily in most countries (UK, NL – weekly), competence performance is important in all countries (FR – some)
6. Record inspection or test data, such as weight, temperature, grade or moisture content, and quantities inspected or graded. - daily in all countries, competence performance is important in all countries (FR – some)

7. Notify supervisors and other personnel of production problems or defects, and assist in identifying and correcting problems or defects. - daily in most countries (UK – weekly), competence performance is important in all countries (FR – some)
8. Train and assist operators to carry out their quality control functions. – diverse within and between countries, only in DE one answer – never), competence performance is important in all countries (FR, DE – some)
9. Participate in organising the production process (e.g. propose changes that may improve the process, participate in quality system design). - diverse within and between countries, only in DE one answer – never), competence performance in most country – some importance
10. Analyse test data and compute statistical measures as necessary to determine test results. – daily or weekly in all countries, competence performance is important in all countries (FR – some)
11. Compile inspection and test reports. - daily or weekly in all countries, competence performance is important in all countries (FR – some)

Additional formal or legal requirements for this occupation exist in all countries, except ES.

Countries differ (between and within) as far as reported required competences are concerned. Below importance of the competences for each country are presented (UK, ES, FR, DE, NL, PL):

Initiating action – important or some important in all countries
Instructing co-workers – in most countries some important (DE, PL, NL – important)
Supervising – in most countries some important or important (UK, NL – not at all)
Co-operating with colleagues – in most countries important (ES – not at all)
Communicating – in most countries important or some important except ES
Relating and networking – in most countries important or some important except ES and UK
Negotiating – diverse between and within countries, in most countries some importance (UK, ES, DE – not at all)
Reporting – important or some important in all countries (one answer in ES – not t all)
Applying know-how, professional expertise – important in most countries (ES – some)
Problem solving – important or some important in all countries
Developing new procedures and working methods – important or some important in all countries (ES, DE one answer – not at all),
Forming strategies – some important in most countries (UK, DE, NL – not at all)
Planning and organising – important or some important in most countries (one answer in ES – not at all)
Following instructions and procedures – important in most countries (FR - some)
Dealing with contingencies – , important or some important in most countries (one answer in UK – not at all)
Coping with stressful situations – important or some important in most countries (UK, ES – not at all)

Commercial thinking – some important in most countries (ES – not important, UK, DE - diverse)

According to most experts in all countries the size of the occupation increase (only in UK decline, and in NL – remain stable).

3.18. Occupation Sewer, seamstress

The task list:

1. Prepare for sewing, e.g. by folding, twisting, stretching or draping material, and securing articles.
2. Draw and cut patterns according to specifications.
3. Measure and align the sewing work (e.g. parts, fasteners, trimmers) following seams, edges or markings on parts.
4. Sew materials (e.g. to reinforce existing sewing, assemble pieces or a whole product) using different sewing techniques such as felling, tacking, embroidery, etc.
5. Smooth seams, e.g. using heated irons, flat bones or rubbing sticks.
6. Trim excess threads or edges of parts, e.g. using scissors or knives.
7. Sew buttonholes and attach buttons, zippers, pockets, collars, trimmings, etc.
8. Examine sections of finished articles for defects.
9. Carry out basic maintenance of sewing tools and machines.

How frequently the task is performed (never or on a daily, weekly, monthly or yearly basis)?

Frequency / Percent / Col Pct	Prepare for sewing, e.g. by folding, twisting, stretching or draping material, and securing articles							
L27	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Daily	4 14.81 100.00	4 14.81 100.00	6 22.22 100.00	3 11.11 100.00	1 3.70 100.00	3 11.11 100.00	4 14.81 66.67	25 92.59
Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 7.41 33.33	2 7.41
Total	4 14.81	4 14.81	6 22.22	3 11.11	1 3.70	3 11.11	6 22.22	27 100.00

Frequency	Draw and cut patterns according to specifications

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Percent / Col Pct	L28	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Daily	2 7.41 50.00	2 7.41 50.00	6 22.22 100.00	2 7.41 66.67	1 3.70 100.00	1 3.70 33.33	1 3.70 16.67	15 55.56
	Never	1 3.70 25.00	0 0.00 0.00	0 0.00 0.00	1 3.70 33.33	0 0.00 0.00	1 3.70 33.33	2 7.41 33.33	5 18.52
	Weekly	1 3.70 25.00	2 7.41 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 3.70 33.33	3 11.11 50.00	7 25.93
	Total	4 14.81	4 14.81	6 22.22	3 11.11	1 3.70	3 11.11	6 22.22	27 100.00

Measure and align the sewing work (e.g. parts, fasteners, trimmers) following seams, edges or markings on parts

Frequency / Percent / Col Pct	L29	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Daily	4 14.29 100.00	2 7.14 50.00	6 21.43 100.00	3 10.71 100.00	1 3.57 100.00	2 7.14 66.67	5 17.86 71.43	23 82.14
	Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 3.57 14.29	1 3.57
	Weekly	0 0.00 0.00	2 7.14 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 3.57 33.33	0 0.00 0.00	3 10.71
	Yearly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 3.57 14.29	1 3.57
	Total	4 14.29	4 14.29	6 21.43	3 10.71	1 3.57	3 10.71	7 25.00	28 100.00

Sew materials (e.g. to reinforce existing sewing, assemble pieces or a whole product) using different sewing techniques such as felling, tacking, embroidery, etc.

Frequency / Percent / Col Pct	L30	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Daily	4 14.29 100.00	4 14.29 100.00	6 21.43 100.00	3 10.71 100.00	1 3.57 100.00	3 10.71 100.00	5 17.86 71.43	26 92.86

Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 3.57 14.29	1 3.57
Yearly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 3.57 14.29	1 3.57
Total	4 14.29	4 14.29	6 21.43	3 10.71	1 3.57	3 10.71	7 25.00	28 100.00

Frequency
Percent
Col Pct

Smooth seams, e.g. using heated irons, flat bones or rubbing sticks.

L31	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	3 11.54 100.00	4 15.38 100.00	6 23.08 100.00	3 11.54 100.00	1 3.85 100.00	1 3.85 50.00	5 19.23 71.43	23 88.46
Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 3.85 50.00	1 3.85 14.29	2 7.69
Yearly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 3.85 14.29	1 3.85
Total	3 11.54	4 15.38	6 23.08	3 11.54	1 3.85	2 7.69	7 26.92	26 100.00

Frequency
Percent
Col Pct

Trim excess threads or edges of parts, e.g. using scissors or knives

L32	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	3 11.54 100.00	4 15.38 100.00	6 23.08 100.00	3 11.54 100.00	1 3.85 100.00	3 11.54 100.00	4 15.38 66.67	24 92.31
Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 3.85 16.67	1 3.85
Yearly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 3.85 16.67	1 3.85
Total	3 11.54	4 15.38	6 23.08	3 11.54	1 3.85	3 11.54	6 23.08	26 100.00

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Frequency / Percent / Col Pct	Sew buttonholes and attach buttons, zippers, pockets, collars, trimmings, etc							
L33	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Daily	4 14.81 100.00	4 14.81 100.00	6 22.22 100.00	3 11.11 100.00	1 3.70 100.00	2 7.41 66.67	4 14.81 66.67	24 88.89
Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 3.70 16.67	1 3.70
Weekly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 3.70 33.33	0 0.00 0.00	1 3.70
Yearly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 3.70 16.67	1 3.70
Total	4 14.81	4 14.81	6 22.22	3 11.11	1 3.70	3 11.11	6 22.22	27 100.00

Frequency / Percent / Col Pct	Examine sections of finished articles for defects							
L34	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Daily	4 14.81 100.00	4 14.81 100.00	5 18.52 83.33	3 11.11 100.00	1 3.70 100.00	3 11.11 100.00	4 14.81 66.67	24 88.89
Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 3.70 16.67	1 3.70
Weekly	0 0.00 0.00	0 0.00 0.00	1 3.70 16.67	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 3.70
Yearly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 3.70 16.67	1 3.70
Total	4 14.81	4 14.81	6 22.22	3 11.11	1 3.70	3 11.11	6 22.22	27 100.00

Frequency / Percent	Carry out basic maintenance of sewing tools and machines		
L35	COUNTRY		Total

Col Pct		UK	belgium	espagna	france	germany	netherl	poland	
	Daily	1 4.17 25.00	2 8.33 66.67	2 8.33 33.33	1 4.17 50.00	0 0.00 0.00	2 8.33 100.00	4 16.67 66.67	12 50.00
	Monthly	1 4.17 25.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 4.17
	Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 4.17 16.67	1 4.17
	Weekly	2 8.33 50.00	1 4.17 33.33	4 16.67 66.67	1 4.17 50.00	1 4.17 100.00	0 0.00 0.00	0 0.00 0.00	9 37.50
	Yearly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 4.17 16.67	1 4.17
	Total	4 16.67	3 12.50	6 25.00	2 8.33	1 4.17	2 8.33	6 25.00	24 100.00

How important is competent performance of this task in this occupation?

Frequency Percent Col Pct		Prepare for sewing, e.g. by folding, twisting, stretching or draping material, and securing articles							
	L40	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	4 16.67 100.00	4 16.67 100.00	5 20.83 83.33	1 4.17 33.33	1 4.17 100.00	3 12.50 100.00	1 4.17 33.33	19 79.17
	Some	0 0.00 0.00	0 0.00 0.00	1 4.17 16.67	2 8.33 66.67	0 0.00 0.00	0 0.00 0.00	2 8.33 66.67	5 20.83
	Total	4 16.67	4 16.67	6 25.00	3 12.50	1 4.17	3 12.50	3 12.50	24 100.00

Frequency Percent Col Pct		Draw and cut patterns according to specifications							
	L41	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	2 9.09 66.67	4 18.18 100.00	6 27.27 100.00	1 4.55 50.00	1 4.55 100.00	1 4.55 50.00	3 13.64 75.00	18 81.82

Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 4.55 25.00	1 4.55
Some	1 4.55 33.33	0 0.00 0.00	0 0.00 0.00	1 4.55 50.00	0 0.00 0.00	1 4.55 50.00	0 0.00 0.00	3 13.64
Total	3 13.64	4 18.18	6 27.27	2 9.09	1 4.55	2 9.09	4 18.18	22 100.00

Frequency
Percent
Col Pct

. Measure and align the sewing work (e.g. parts, fasteners, trimmers) following seams, edges or markings on parts

L42	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	4 16.00 100.00	4 16.00 100.00	5 20.00 83.33	1 4.00 33.33	1 4.00 100.00	1 4.00 33.33	3 12.00 75.00	19 76.00
Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 4.00 25.00	1 4.00
Some	0 0.00 0.00	0 0.00 0.00	1 4.00 16.67	2 8.00 66.67	0 0.00 0.00	2 8.00 66.67	0 0.00 0.00	5 20.00
Total	4 16.00	4 16.00	6 24.00	3 12.00	1 4.00	3 12.00	4 16.00	25 100.00

Frequency
Percent
Col Pct

Sew materials (e.g. to reinforce existing sewing, assemble pieces or a whole product) using different sewing techniques such as felling, tacking, embroidery, etc

L43	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	4 16.00 100.00	4 16.00 100.00	5 20.00 100.00	1 4.00 33.33	1 4.00 100.00	3 12.00 100.00	3 12.00 60.00	21 84.00
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 8.00 66.67	0 0.00 0.00	0 0.00 0.00	2 8.00 40.00	4 16.00
Total	4 16.00	4 16.00	5 20.00	3 12.00	1 4.00	3 12.00	5 20.00	25 100.00

Frequency

Smooth seams, e.g. using heated irons, flat bones or rubbing sticks

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Percent / Col Pct	L44	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	3	4	1	1	1	1	5	16
		13.04	17.39	4.35	4.35	4.35	4.35	21.74	69.57
		100.00	100.00	16.67	33.33	100.00	100.00	100.00	
	Some	0	0	5	2	0	0	0	7
		0.00	0.00	21.74	8.70	0.00	0.00	0.00	30.43
		0.00	0.00	83.33	66.67	0.00	0.00	0.00	
	Total	3	4	6	3	1	1	5	23
		13.04	17.39	26.09	13.04	4.35	4.35	21.74	100.00

Trim excess threads or edges of parts, e.g. using scissors or knives

Frequency / Percent / Col Pct	L45	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	3	4	0	1	1	2	3	14
		12.00	16.00	0.00	4.00	4.00	8.00	12.00	56.00
		100.00	100.00	0.00	33.33	100.00	66.67	60.00	
	Not at all	0	0	0	0	0	0	1	1
		0.00	0.00	0.00	0.00	0.00	0.00	4.00	4.00
		0.00	0.00	0.00	0.00	0.00	0.00	20.00	
	Some	0	0	6	2	0	1	1	10
		0.00	0.00	24.00	8.00	0.00	4.00	4.00	40.00
		0.00	0.00	100.00	66.67	0.00	33.33	20.00	
	Total	3	4	6	3	1	3	5	25
		12.00	16.00	24.00	12.00	4.00	12.00	20.00	100.00

Sew buttonholes and attach buttons, zippers, pockets, collars, trimmings, etc

Frequency / Percent / Col Pct	L46	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	4	4	3	1	1	1	5	19
		14.81	14.81	11.11	3.70	3.70	3.70	18.52	70.37
		100.00	100.00	50.00	33.33	100.00	33.33	83.33	
	Not at all	0	0	0	0	0	0	1	1
		0.00	0.00	0.00	0.00	0.00	0.00	3.70	3.70
		0.00	0.00	0.00	0.00	0.00	0.00	16.67	
	Some	0	0	3	2	0	2	0	7
		0.00	0.00	11.11	7.41	0.00	7.41	0.00	25.93
		0.00	0.00	50.00	66.67	0.00	66.67	0.00	
	Total	4	4	6	3	1	3	6	27

	14.81	14.81	22.22	11.11	3.70	11.11	22.22	100.00

Frequency / Percent / Col Pct	Examine sections of finished articles for defects							
L47	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	4 14.81 100.00	4 14.81 100.00	0 0.00 0.00	1 3.70 33.33	1 3.70 100.00	3 11.11 100.00	4 14.81 66.67	17 62.96
Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 3.70 16.67	1 3.70
Some	0 0.00 0.00	0 0.00 0.00	6 22.22 100.00	2 7.41 66.67	0 0.00 0.00	0 0.00 0.00	1 3.70 16.67	9 33.33
Total	4 14.81	4 14.81	6 22.22	3 11.11	1 3.70	3 11.11	6 22.22	27 100.00

Frequency / Percent / Col Pct	Carry out basic maintenance of sewing tools and machines.							
L48	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	3 12.00 75.00	4 16.00 100.00	3 12.00 50.00	0 0.00 0.00	1 4.00 100.00	1 4.00 50.00	4 16.00 80.00	16 64.00
Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 4.00 20.00	1 4.00
Some	1 4.00 25.00	0 0.00 0.00	3 12.00 50.00	3 12.00 100.00	0 0.00 0.00	1 4.00 50.00	0 0.00 0.00	8 32.00
Total	4 16.00	4 16.00	6 24.00	3 12.00	1 4.00	2 8.00	5 20.00	25 100.00

Are there additional formal or legal requirements for this occupation

Frequency / Percent / Col Pct	working according to a professional code or protocol							
L121_3	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
1	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	4 100.00	4 100.00

	.	.	.	.	.	.	100.00	
Total	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	4 100.00	4 100.00

Frequency Percent Col Pct	other							
L121_4	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
1	0 0.00 .	2 100.00 100.00	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	2 100.00
Total	0 0.00	2 100.00	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	2 100.00

How are the additional *certification (training/course) requirements* established/laid down?

Frequency Percent Col Pct	Table of L75 by COUNTRY							
L75	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Branch or industry	0 0.00 .	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 33.33 100.00	0 0.00 .	0 0.00 .	1 33.33
Other	0 0.00 .	1 33.33 100.00	1 33.33 100.00	0 0.00 .	0 0.00 0.00	0 0.00 .	0 0.00 .	2 66.67
Total	0 0.00	1 33.33	1 33.33	0 0.00	1 33.33	0 0.00	0 0.00	3 100.00

How are the additional *other requirements* established/laid down?

Frequency Percent Col Pct	Table of L79 by COUNTRY							
L79	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Branch or industry	0 0.00 .	3 100.00 100.00	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	3 100.00
Total	0 0.00	3 100.00	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	3 100.00

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Relevance of the competencies mentioned below for this occupation

Frequency / Percent / Col Pct	Initiating action							
L86	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	0 0.00 0.00	1 4.00 33.33	2 8.00 33.33	1 4.00 33.33	1 4.00 50.00	1 4.00 33.33	1 4.00 25.00	7 28.00
Not at all	1 4.00 25.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 4.00 33.33	1 4.00 25.00	3 12.00
Some	3 12.00 75.00	2 8.00 66.67	4 16.00 66.67	2 8.00 66.67	1 4.00 50.00	1 4.00 33.33	2 8.00 50.00	15 60.00
Total	4 16.00	3 12.00	6 24.00	3 12.00	2 8.00	3 12.00	4 16.00	25 100.00

Frequency / Percent / Col Pct	Instructing co-workers							
L87	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	0 0.00 0.00	2 8.00 66.67	0 0.00 0.00	1 4.00 33.33	0 0.00 0.00	1 4.00 33.33	3 12.00 75.00	7 28.00
Not at all	1 4.00 25.00	0 0.00 0.00	0 0.00 0.00	1 4.00 33.33	0 0.00 0.00	2 8.00 66.67	1 4.00 25.00	5 20.00
Some	3 12.00 75.00	1 4.00 33.33	6 24.00 100.00	1 4.00 33.33	2 8.00 100.00	0 0.00 0.00	0 0.00 0.00	13 52.00
Total	4 16.00	3 12.00	6 24.00	3 12.00	2 8.00	3 12.00	4 16.00	25 100.00

Frequency / Percent / Col Pct	Supervising							
L88	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	0 0.00 0.00	1 4.17 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 4.17
Not at all	2 8.33	0 0.00	0 0.00	2 8.33	1 4.17	2 8.33	2 8.33	9 37.50

	50.00	0.00	0.00	66.67	50.00	66.67	50.00	
Some	2 8.33 50.00	1 4.17 50.00	6 25.00 100.00	1 4.17 33.33	1 4.17 50.00	1 4.17 33.33	2 8.33 50.00	14 58.33
Total	4 16.67	2 8.33	6 25.00	3 12.50	2 8.33	3 12.50	4 16.67	24 100.00

Frequency
Percent
Col Pct

Co-operating with colleagues

L89	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	3 12.00 75.00	3 12.00 100.00	0 0.00 0.00	1 4.00 33.33	1 4.00 50.00	1 4.00 33.33	3 12.00 75.00	12 48.00
Not at all	1 4.00 25.00	0 0.00 0.00	3 12.00 50.00	0 0.00 0.00	0 0.00 0.00	1 4.00 33.33	0 0.00 0.00	5 20.00
Some	0 0.00 0.00	0 0.00 0.00	3 12.00 50.00	2 8.00 66.67	1 4.00 50.00	1 4.00 33.33	1 4.00 25.00	8 32.00
Total	4 16.00	3 12.00	6 24.00	3 12.00	2 8.00	3 12.00	4 16.00	25 100.00

Frequency
Percent
Col Pct

Communicating

L90	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	2 8.33 50.00	3 12.50 100.00	0 0.00 0.00	2 8.33 66.67	0 0.00 0.00	1 4.17 33.33	3 12.50 75.00	11 45.83
Not at all	1 4.17 25.00	0 0.00 0.00	3 12.50 50.00	0 0.00 0.00	0 0.00 0.00	1 4.17 33.33	0 0.00 0.00	5 20.83
Some	1 4.17 25.00	0 0.00 0.00	3 12.50 50.00	1 4.17 33.33	1 4.17 100.00	1 4.17 33.33	1 4.17 25.00	8 33.33
Total	4 16.67	3 12.50	6 25.00	3 12.50	1 4.17	3 12.50	4 16.67	24 100.00

Frequency

Relating and networking

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Percent / Col Pct	L91	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	0	2	0	0	0	0	3	5
		0.00	8.33	0.00	0.00	0.00	0.00	12.50	20.83
		0.00	66.67	0.00	0.00	0.00	0.00	75.00	
	Not at all	2	0	6	0	1	2	1	12
		8.33	0.00	25.00	0.00	4.17	8.33	4.17	50.00
		50.00	0.00	100.00	0.00	50.00	66.67	25.00	
	Some	2	1	0	2	1	1	0	7
		8.33	4.17	0.00	8.33	4.17	4.17	0.00	29.17
		50.00	33.33	0.00	100.00	50.00	33.33	0.00	
	Total	4	3	6	2	2	3	4	24
		16.67	12.50	25.00	8.33	8.33	12.50	16.67	100.00

Negotiating

Frequency / Percent / Col Pct	L92	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	0	1	0	1	0	1	0	3
		0.00	4.00	0.00	4.00	0.00	4.00	0.00	12.00
		0.00	33.33	0.00	33.33	0.00	33.33	0.00	
	Not at all	2	1	6	1	2	2	3	17
		8.00	4.00	24.00	4.00	8.00	8.00	12.00	68.00
		50.00	33.33	100.00	33.33	100.00	66.67	75.00	
	Some	2	1	0	1	0	0	1	5
		8.00	4.00	0.00	4.00	0.00	0.00	4.00	20.00
		50.00	33.33	0.00	33.33	0.00	0.00	25.00	
	Total	4	3	6	3	2	3	4	25
		16.00	12.00	24.00	12.00	8.00	12.00	16.00	100.00

Reporting

Frequency / Percent / Col Pct	L93	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	1	2	0	0	0	0	0	3
		4.00	8.00	0.00	0.00	0.00	0.00	0.00	12.00
		25.00	66.67	0.00	0.00	0.00	0.00	0.00	
	Not at all	0	0	0	1	0	1	2	4
		0.00	0.00	0.00	4.00	0.00	4.00	8.00	16.00
		0.00	0.00	0.00	33.33	0.00	33.33	50.00	
	Some	3	1	6	2	2	2	2	18

	12.00 75.00	4.00 33.33	24.00 100.00	8.00 66.67	8.00 100.00	8.00 66.67	8.00 50.00	72.00
Total	4 16.00	3 12.00	6 24.00	3 12.00	2 8.00	3 12.00	4 16.00	25 100.00

Frequency Percent Col Pct	Applying know-how, professional expertise							
L94	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	3 12.00 75.00	3 12.00 75.00	1 4.00 16.67	2 8.00 66.67	1 4.00 50.00	2 8.00 100.00	4 16.00 100.00	16 64.00
Some	1 4.00 25.00	1 4.00 25.00	5 20.00 83.33	1 4.00 33.33	1 4.00 50.00	0 0.00 0.00	0 0.00 0.00	9 36.00
Total	4 16.00	4 16.00	6 24.00	3 12.00	2 8.00	2 8.00	4 16.00	25 100.00

Frequency Percent Col Pct	Problem solving							
L95	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 3.85 25.00	3 11.54 75.00	1 3.85 16.67	2 7.69 66.67	1 3.85 50.00	1 3.85 33.33	3 11.54 75.00	12 46.15
Not at all	1 3.85 25.00	0 0.00 0.00	1 3.85 16.67	0 0.00 0.00	0 0.00 0.00	1 3.85 33.33	1 3.85 25.00	4 15.38
Some	2 7.69 50.00	1 3.85 25.00	4 15.38 66.67	1 3.85 33.33	1 3.85 50.00	1 3.85 33.33	0 0.00 0.00	10 38.46
Total	4 15.38	4 15.38	6 23.08	3 11.54	2 7.69	3 11.54	4 15.38	26 100.00

Frequency Percent Col Pct	Developing new procedures and working methods							
L96	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 4.00 25.00	2 8.00 66.67	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	3 12.00 75.00	6 24.00

Not at all	2 8.00 50.00	0 0.00 0.00	5 20.00 83.33	0 0.00 0.00	1 4.00 50.00	2 8.00 66.67	0 0.00 0.00	10 40.00
Some	1 4.00 25.00	1 4.00 33.33	1 4.00 16.67	3 12.00 100.00	1 4.00 50.00	1 4.00 33.33	1 4.00 25.00	9 36.00
Total	4 16.00	3 12.00	6 24.00	3 12.00	2 8.00	3 12.00	4 16.00	25 100.00

Frequency
Percent
Col Pct

Forming strategies

L97	COUNTRY							Total
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Not at all	3 12.50 75.00	1 4.17 33.33	6 25.00 100.00	2 8.33 66.67	2 8.33 100.00	1 4.17 50.00	3 12.50 75.00	18 75.00
Some	1 4.17 25.00	2 8.33 66.67	0 0.00 0.00	1 4.17 33.33	0 0.00 0.00	1 4.17 50.00	1 4.17 25.00	6 25.00
Total	4 16.67	3 12.50	6 25.00	3 12.50	2 8.33	2 8.33	4 16.67	24 100.00

Frequency
Percent
Col Pct

Planning and organising

L98	COUNTRY							Total
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 4.17 25.00	2 8.33 66.67	0 0.00 0.00	1 4.17 33.33	1 4.17 50.00	1 4.17 50.00	1 4.17 25.00	7 29.17
Not at all	0 0.00 0.00	0 0.00 0.00	5 20.83 83.33	0 0.00 0.00	0 0.00 0.00	1 4.17 50.00	2 8.33 50.00	8 33.33
Some	3 12.50 75.00	1 4.17 33.33	1 4.17 16.67	2 8.33 66.67	1 4.17 50.00	0 0.00 0.00	1 4.17 25.00	9 37.50
Total	4 16.67	3 12.50	6 25.00	3 12.50	2 8.33	2 8.33	4 16.67	24 100.00

Frequency
Percent

Following instructions and procedures

L99	COUNTRY	Total

Col Pct		UK	belgium	espagna	france	germany	netherl	poland	
	Major	4 16.00 100.00	4 16.00 100.00	1 4.00 16.67	1 4.00 33.33	0 0.00 0.00	2 8.00 100.00	4 16.00 100.00	16 64.00
	Some	0 0.00 0.00	0 0.00 0.00	5 20.00 83.33	2 8.00 66.67	2 8.00 100.00	0 0.00 0.00	0 0.00 0.00	9 36.00
	Total	4 16.00	4 16.00	6 24.00	3 12.00	2 8.00	2 8.00	4 16.00	25 100.00

Dealing with contingencies

Frequency Percent Col Pct	L100	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	0 0.00 0.00	3 12.00 100.00	0 0.00 0.00	1 4.00 33.33	0 0.00 0.00	1 4.00 33.33	2 8.00 50.00	7 28.00
	Not at all	1 4.00 25.00	0 0.00 0.00	1 4.00 16.67	0 0.00 0.00	1 4.00 50.00	1 4.00 33.33	1 4.00 25.00	5 20.00
	Some	3 12.00 75.00	0 0.00 0.00	5 20.00 83.33	2 8.00 66.67	1 4.00 50.00	1 4.00 33.33	1 4.00 25.00	13 52.00
	Total	4 16.00	3 12.00	6 24.00	3 12.00	2 8.00	3 12.00	4 16.00	25 100.00

Coping with stressful situations

Frequency Percent Col Pct	L101	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	2 8.00 50.00	3 12.00 100.00	0 0.00 0.00	0 0.00 0.00	1 4.00 50.00	1 4.00 33.33	3 12.00 75.00	10 40.00
	Not at all	1 4.00 25.00	0 0.00 0.00	6 24.00 100.00	0 0.00 0.00	0 0.00 0.00	1 4.00 33.33	0 0.00 0.00	8 32.00
	Some	1 4.00 25.00	0 0.00 0.00	0 0.00 0.00	3 12.00 100.00	1 4.00 50.00	1 4.00 33.33	1 4.00 25.00	7 28.00
	Total	4 16.00	3 12.00	6 24.00	3 12.00	2 8.00	3 12.00	4 16.00	25 100.00

Frequency Percent Col Pct	Commercial thinking							
L102	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	0 0.00 0.00	2 8.00 66.67	0 0.00 0.00	1 4.00 33.33	1 4.00 50.00	0 0.00 0.00	1 4.00 25.00	5 20.00
Not at all	2 8.00 50.00	0 0.00 0.00	4 16.00 66.67	1 4.00 33.33	1 4.00 50.00	2 8.00 66.67	1 4.00 25.00	11 44.00
Some	2 8.00 50.00	1 4.00 33.33	2 8.00 33.33	1 4.00 33.33	0 0.00 0.00	1 4.00 33.33	2 8.00 50.00	9 36.00
Total	4 16.00	3 12.00	6 24.00	3 12.00	2 8.00	3 12.00	4 16.00	25 100.00

Do you expect the size of this occupation (how many people are working in the occupation) to decline, increase or remain stable in the next 5 years?

Frequency Percent Col Pct	Table of L111 by COUNTRY							
L111	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Decline	1 4.76 33.33	1 4.76 33.33	0 0.00 0.00	1 4.76 50.00	1 4.76 50.00	1 4.76 100.00	3 14.29 75.00	8 38.10
Stable	2 9.52 66.67	2 9.52 66.67	6 28.57 100.00	1 4.76 50.00	1 4.76 50.00	0 0.00 0.00	1 4.76 25.00	13 61.90
Total	3 14.29	3 14.29	6 28.57	2 9.52	2 9.52	1 4.76	4 19.05	21 100.00

In general all tasks were performed daily in all countries (only in Poland the answers were much diverse – at least one expert indicate that the tasks were not performed at all). Competent performance of all tasks was important in all countries (only in Poland the answers were much diverse – at least one expert indicate that the competence performance of the tasks were not important). Here is a short summary of the tasks characteristics in all countries (UK, BE, ES, FR, DE, NL, PL):

1. Prepare for sewing, e.g. by folding, twisting, stretching or draping material, and securing articles. – daily in all countries (2 answers in Poland – never), competence performance is important in all countries
2. Draw and cut patterns according to specifications. - daily in all countries (one answer in UK and FR and 2 answers in Poland – never), competence performance is important in all countries (one expert in PL – not at all)
3. Measure and align the sewing work (e.g. parts, fasteners, trimmers) following seams, edges or markings on parts. - daily in all countries (one answer in Poland – never), competence performance is important in all countries (one expert in PL – not at all)
4. Sew materials (e.g. to reinforce existing sewing, assemble pieces or a whole product) using different sewing techniques such as felling, tacking, embroidery, etc. - daily in all countries (one answer in Poland – never), competence performance is important in all countries
5. Smooth seams, e.g. using heated irons, flat bones or rubbing sticks - daily in all countries (one answer in Poland and NL – never), competence performance is important in all countries.
6. Trim excess threads or edges of parts, e.g. using scissors or knives. - daily in all countries (one answer in Poland – never), competence performance is important in all countries (one expert in PL – not at all)
7. Sew buttonholes and attach buttons, zippers, pockets, collars, trimmings, etc. - daily in all countries (one answer in Poland – never), competence performance is important in all countries (one expert in PL – not at all)
8. Examine sections of finished articles for defects. - daily in all countries (one answer in Poland – never), competence performance is important in all countries (one expert in PL – not at all)
9. Carry out basic maintenance of sewing tools and machines. - daily in all countries (one answer in Poland – never), competence performance is important in all countries (one expert in PL – not at all)

Additional formal or legal requirements for this occupation exist in PL, and BE.

Countries differ (between and within) as far as reported required competences are concerned. A lot of competences in many countries are not important. Below importance of the competences for each country are presented (UK, BE, ES, FR, DE, NL, PL):

Initiating action – important or some important in all countries (one expert in UK, NL, PL indicate not at all
Instructing co-workers – in most countries some important (DE, PL, NL – important)
Supervising – diverse, in most countries some important or important (UK, FR, DE, NL, PL – not at all)
Co-operating with colleagues – in most countries some important or not at all (UK, ES, NL – not at all)
Communicating – – in most countries some important or not at all (UK, ES, NL – not at all)
Relating and networking – in most countries not important (BE, PL – major)
Negotiating – in most countries not important
Reporting –some important in all countries (FR, NL, PL – some answers not at all)

Applying know-how, professional expertise – important in all countries
Problem solving – important or some important in all countries (UK, ES, NL, PL – not at all)
Developing new procedures and working methods – most countries not important (PL- important, UK diverse)
Forming strategies – not important in all countries (some experts indicated some importance)
Planning and organising – important or some important in most countries (ES – not at all, NL, PL - diverse)
Following instructions and procedures – important in all countries
Dealing with contingencies – important or some important in most countries (one answer in UK, ES, DE, NI, PI – not at all)
Coping with stressful situations – important or some important in most countries (ES – not at all, UK, NL - diverse)
Commercial thinking – not important in most countries (BE - important)

According to most experts in all countries the size of the occupation remain stable.

3.19. Occupation Sheet-metal worker

How frequently the task is performed (never or on a daily, weekly, monthly or yearly basis)?

Frequency / Percent / Col Pct	. Determine project requirements (e.g. assembly sequences, required methods, materials) from e.g. blueprints, drawings and written or verbal instructions						
L27	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Daily	0 0.00 0.00	2 20.00 100.00	1 10.00 50.00	2 20.00 100.00	0 0.00 0.00	2 20.00 100.00	7 70.00
Weekly	1 10.00 100.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	3 30.00
Total	1 10.00	2 20.00	2 20.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency / Percent / Col Pct	**Table** Select materials, tools and equipment (e.g. gauges, types of sheet metal or non-metallic material) according to product specifications						
L28	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Daily	0 0.00 0.00	2 20.00 100.00	1 10.00 50.00	2 20.00 100.00	0 0.00 0.00	2 20.00 100.00	7 70.00

Never	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00
Weekly	1 10.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	2 20.00
Total	1 10.00	2 20.00	2 20.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency Percent Col Pct	Measure the sheet metal parts						
L29	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	1 11.11 100.00	1 11.11 100.00	2 22.22 100.00	2 22.22 100.00	1 11.11 100.00	2 22.22 100.00	9 100.00
Total	1 11.11	1 11.11	2 22.22	2 22.22	1 11.11	2 22.22	9 100.00

Frequency Percent Col Pct	Make the sheet metal the right size and shape by e.g. heat treating, cutting, bending, etc.						
L30	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	1 10.00 100.00	2 20.00 100.00	2 20.00 100.00	2 20.00 100.00	1 10.00 100.00	2 20.00 100.00	10 100.00
Total	1 10.00	2 20.00	2 20.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency Percent Col Pct	Assemble components, e.g. by fastening seams and joints using welds, bolts, cement, rivets, etc.						
L31	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	1 10.00 100.00	2 20.00 100.00	2 20.00 100.00	2 20.00 100.00	1 10.00 100.00	2 20.00 100.00	10 100.00
Total	1 10.00	2 20.00	2 20.00	2 20.00	1 10.00	2 20.00	10 100.00

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Frequency / Percent / Col Pct	Install assemblies, such as flashing, pipes, tubes, heating and air conditioning ducts, furnace casings, rain gutters and down spouts						
L32	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	0 0.00 0.00	1 10.00 50.00	1 10.00 50.00	2 20.00 100.00	0 0.00 0.00	2 20.00 100.00	6 60.00
Never	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	2 20.00
Weekly	1 10.00 100.00	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 20.00
Total	1 10.00	2 20.00	2 20.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency / Percent / Col Pct	Repair sheet metal items						
L33	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	0 0.00 0.00	2 20.00 100.00	1 10.00 50.00	2 20.00 100.00	0 0.00 0.00	2 20.00 100.00	7 70.00
Monthly	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	2 20.00
Weekly	1 10.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00
Total	1 10.00	2 20.00	2 20.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency / Percent / Col Pct	Fabricate or alter parts of vehicles, planes, building structures etc., e.g. using shears, hammers, punches and drills						
L34	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	0 0.00 .	2 28.57 100.00	1 14.29 50.00	2 28.57 100.00	0 0.00 .	1 14.29 100.00	6 85.71
Never	0 0.00	0 0.00	1 14.29	0 0.00	0 0.00	0 0.00	1 14.29

	.	0.00	50.00	0.00	.	0.00	
Total	0 0.00	2 28.57	2 28.57	2 28.57	0 0.00	1 14.29	7 100.00

Frequency **Percent** **Col Pct**	Finish the work, e.g. by trimming, grinding and smoothing surfaces, seams and joints using hand and power tools						
L35	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	1 10.00 100.00	2 20.00 100.00	2 20.00 100.00	2 20.00 100.00	0 0.00 0.00	2 20.00 100.00	9 90.00
Weekly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	1 10.00
Total	1 10.00	2 20.00	2 20.00	2 20.00	1 10.00	2 20.00	10 100.00

How important is competent performance of this task in this occupation?

Frequency **Percent** **Col Pct**	Determine project requirements (e.g. assembly sequences, required methods, materials) from e.g. blueprints, drawings and written or verbal instructions						
L40	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 11.11 100.00	2 22.22 100.00	1 11.11 100.00	2 22.22 100.00	1 11.11 100.00	2 22.22 100.00	9 100.00
Total	1 11.11	2 22.22	1 11.11	2 22.22	1 11.11	2 22.22	9 100.00

Frequency **Percent** **Col Pct**	Select materials, tools and equipment (e.g. gauges, types of sheet metal or non-metallic material) according to product specifications						
L41	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 11.11 100.00	2 22.22 100.00	1 11.11 100.00	2 22.22 100.00	1 11.11 100.00	2 22.22 100.00	9 100.00
Total	1 11.11	2 22.22	1 11.11	2 22.22	1 11.11	2 22.22	9 100.00

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Frequency / Percent / Col Pct	Measure the sheet metal parts						
L42	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Major	1 10.00 100.00	1 10.00 50.00	1 10.00 50.00	2 20.00 100.00	1 10.00 100.00	2 20.00 100.00	8 80.00
Some	0 0.00 0.00	1 10.00 50.00	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 20.00
Total	1 10.00	2 20.00	2 20.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency / Percent / Col Pct	Make the sheet metal the right size and shape by e.g. heat treating, cutting, bending, etc						
L43	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Major	1 10.00 100.00	2 20.00 100.00	2 20.00 100.00	2 20.00 100.00	1 10.00 100.00	2 20.00 100.00	10 100.00
Total	1 10.00	2 20.00	2 20.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency / Percent / Col Pct	Assemble components, e.g. by fastening seams and joints using welds, bolts, cement, rivets, etc.						
L44	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Major	1 10.00 100.00	2 20.00 100.00	2 20.00 100.00	2 20.00 100.00	1 10.00 100.00	2 20.00 100.00	10 100.00
Total	1 10.00	2 20.00	2 20.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency / Percent / Col Pct	Install assemblies, such as flashing, pipes, tubes, heating and air conditioning ducts, furnace casings, rain gutters and down spouts						
L45	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Major	1 14.29 100.00	0 0.00 0.00	1 14.29 100.00	2 28.57 100.00	0 0.00 .	2 28.57 100.00	6 85.71

Some	0 0.00 0.00	1 14.29 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	1 14.29
Total	1 14.29	1 14.29	1 14.29	2 28.57	0 0.00	2 28.57	7 100.00

Frequency
Percent
Col Pct

Repair sheet metal items

L46	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 10.00 100.00	2 20.00 100.00	1 10.00 50.00	1 10.00 50.00	0 0.00 0.00	2 20.00 100.00	7 70.00
Some	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	1 10.00 50.00	1 10.00 100.00	0 0.00 0.00	3 30.00
Total	1 10.00	2 20.00	2 20.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency
Percent
Col Pct

Fabricate or alter parts of vehicles, planes, building structures etc., e.g. using shears, hammers, punches and drills

L47	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 16.67 100.00	1 16.67 100.00	1 16.67 100.00	2 33.33 100.00	0 0.00 .	0 0.00 0.00	5 83.33
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 16.67 100.00	1 16.67
Total	1 16.67	1 16.67	1 16.67	2 33.33	0 0.00	1 16.67	6 100.00

Frequency
Percent
Col Pct

Finish the work, e.g. by trimming, grinding and smoothing surfaces, seams and joints using hand and power tools

L48	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 10.00 100.00	1 10.00 50.00	2 20.00 100.00	2 20.00 100.00	1 10.00 100.00	2 20.00 100.00	9 90.00
Some	0	1	0	0	0	0	1

	0.00 0.00	10.00 50.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	10.00
Total	1 10.00	2 20.00	2 20.00	2 20.00	1 10.00	2 20.00	10 100.00

Are there additional formal or legal requirements for this occupation

Frequency **Percent** **Col Pct**	diploma (full educational programme)						
L121_1	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
1	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	1 100.00 100.00	1 100.00
Total	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	1 100.00	1 100.00

Frequency **Percent** **Col Pct**	certification (training / course)						
L121_2	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
1	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	2 100.00 100.00	2 100.00
Total	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	2 100.00	2 100.00

Frequency **Percent** **Col Pct**	working according to a professional code or protocol						
L121_3	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
1	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	2 100.00 100.00	2 100.00
Total	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	2 100.00	2 100.00

Frequency **Percent** **Col Pct**	other						
L121_4	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	

1	0 0.00 .	0 0.00 .	0 0.00 .	1 100.00 100.00	0 0.00 .	0 0.00 .	1 100.00
Total	0 0.00	0 0.00	0 0.00	1 100.00	0 0.00	0 0.00	1 100.00

How are the additional *other requirements* established/laid down?

Frequency Percent Col Pct	Table of L79 by COUNTRY						
L79	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Collective labour agreement	0 0.00 .	0 0.00 .	0 0.00 .	1 100.00 100.00	0 0.00 .	0 0.00 .	1 100.00
Total	0 0.00	0 0.00	0 0.00	1 100.00	0 0.00	0 0.00	1 100.00

Relevance of the competencies mentioned below for this occupation

Frequency Percent Col Pct	Initiating action						
L86	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Major	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	2 18.18 100.00	0 0.00 0.00	2 18.18 100.00	5 45.45
Not at all	1 9.09 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 18.18 100.00	0 0.00 0.00	3 27.27
Some	0 0.00 0.00	1 9.09 50.00	2 18.18 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	3 27.27
Total	1 9.09	2 18.18	2 18.18	2 18.18	2 18.18	2 18.18	11 100.00

Frequency Percent Col Pct	Instructing co-workers						
L87	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Major	0	0	0	1	0	2	3

	0.00 0.00	0.00 0.00	0.00 0.00	9.09 50.00	0.00 0.00	18.18 100.00	27.27
Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	1 9.09
Some	1 9.09 100.00	2 18.18 100.00	2 18.18 100.00	1 9.09 50.00	1 9.09 50.00	0 0.00 0.00	7 63.64
Total	1 9.09	2 18.18	2 18.18	2 18.18	2 18.18	2 18.18	11 100.00

Frequency Percent Col Pct	Supervising						
L88	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	2 18.18 100.00	3 27.27
Not at all	1 9.09 100.00	0 0.00 0.00	2 18.18 100.00	1 9.09 50.00	1 9.09 50.00	0 0.00 0.00	5 45.45
Some	0 0.00 0.00	2 18.18 100.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	3 27.27
Total	1 9.09	2 18.18	2 18.18	2 18.18	2 18.18	2 18.18	11 100.00

Frequency Percent Col Pct	Co-operating with colleagues						
L89	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	2 18.18 100.00	0 0.00 0.00	2 18.18 100.00	5 45.45
Not at all	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	2 18.18
Some	1 9.09 100.00	1 9.09 50.00	1 9.09 50.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	4 36.36
Total	1	2	2	2	2	2	11

	9.09	18.18	18.18	18.18	18.18	18.18	100.00

Frequency / Percent / Col Pct	Communicating						
L90	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Major	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	2 18.18 100.00	0 0.00 0.00	2 18.18 100.00	5 45.45
Not at all	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	2 18.18
Some	1 9.09 100.00	1 9.09 50.00	1 9.09 50.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	4 36.36
Total	1 9.09	2 18.18	2 18.18	2 18.18	2 18.18	2 18.18	11 100.00

Frequency / Percent / Col Pct	Relating and networking						
L91	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 18.18 100.00	2 18.18
Not at all	1 9.09 100.00	2 18.18 100.00	2 18.18 100.00	1 9.09 50.00	2 18.18 100.00	0 0.00 0.00	8 72.73
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	1 9.09
Total	1 9.09	2 18.18	2 18.18	2 18.18	2 18.18	2 18.18	11 100.00

Frequency / Percent / Col Pct	Negotiating						
L92	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Not at all	1 9.09 100.00	2 18.18 100.00	2 18.18 100.00	1 9.09 50.00	2 18.18 100.00	1 9.09 50.00	9 81.82

Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	1 9.09 50.00	2 18.18
Total	1 9.09	2 18.18	2 18.18	2 18.18	2 18.18	2 18.18	11 100.00

Frequency **Percent** **Col Pct**	Reporting						
L93	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	2 18.18 100.00	3 27.27
Not at all	1 9.09 100.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	3 27.27
Some	0 0.00 0.00	1 9.09 50.00	2 18.18 100.00	1 9.09 50.00	1 9.09 50.00	0 0.00 0.00	5 45.45
Total	1 9.09	2 18.18	2 18.18	2 18.18	2 18.18	2 18.18	11 100.00

Frequency **Percent** **Col Pct**	Applying know-how, professional expertise						
L94	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 11.11 100.00	1 11.11 50.00	1 11.11 50.00	2 22.22 100.00	1 11.11 100.00	1 11.11 100.00	7 77.78
Some	0 0.00 0.00	1 11.11 50.00	1 11.11 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 22.22
Total	1 11.11	2 22.22	2 22.22	2 22.22	1 11.11	1 11.11	9 100.00

Frequency **Percent** **Col Pct**	Problem solving						
L95	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00	1 9.09	1 9.09	2 18.18	0 0.00	2 18.18	6 54.55

	0.00	50.00	50.00	100.00	0.00	100.00	
Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	1 9.09
Some	1 9.09 100.00	1 9.09 50.00	1 9.09 50.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	4 36.36
Total	1 9.09	2 18.18	2 18.18	2 18.18	2 18.18	2 18.18	11 100.00

Frequency **Percent** **Col Pct**	Developing new procedures and working methods						
L96	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	2 18.18 100.00	3 27.27
Not at all	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	2 18.18 100.00	0 0.00 0.00	3 27.27
Some	1 9.09 100.00	1 9.09 50.00	1 9.09 50.00	2 18.18 100.00	0 0.00 0.00	0 0.00 0.00	5 45.45
Total	1 9.09	2 18.18	2 18.18	2 18.18	2 18.18	2 18.18	11 100.00

Frequency **Percent** **Col Pct**	Forming strategies						
L97	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	1 10.00
Not at all	1 10.00 100.00	2 20.00 100.00	2 20.00 100.00	1 10.00 50.00	1 10.00 100.00	0 0.00 0.00	7 70.00
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	1 10.00 50.00	2 20.00
Total	1 10.00	2 20.00	2 20.00	2 20.00	1 10.00	2 20.00	10 100.00

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Frequency / Percent / Col Pct	Planning and organising						
L98	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Major	1 10.00 100.00	0 0.00 0.00	1 10.00 50.00	2 20.00 100.00	1 10.00 100.00	1 10.00 50.00	6 60.00
Not at all	0 0.00 0.00	2 20.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 20.00
Some	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	2 20.00
Total	1 10.00	2 20.00	2 20.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency / Percent / Col Pct	Following instructions and procedures						
L99	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Major	1 10.00 100.00	1 10.00 50.00	2 20.00 100.00	2 20.00 100.00	1 10.00 100.00	0 0.00 0.00	7 70.00
Some	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 20.00 100.00	3 30.00
Total	1 10.00	2 20.00	2 20.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency / Percent / Col Pct	Dealing with contingencies						
L100	COUNTRY						Total
	UK	espagna	france	germany	netherl	poland	
Major	0 0.00 0.00	0 0.00 0.00	2 20.00 100.00	1 10.00 50.00	0 0.00 0.00	2 20.00 100.00	5 50.00
Not at all	1 10.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	2 20.00
Some	0	2	0	1	0	0	3

	0.00 0.00	20.00 100.00	0.00 0.00	10.00 50.00	0.00 0.00	0.00 0.00	30.00
Total	1 10.00	2 20.00	2 20.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency **Percent** **Col Pct**	Coping with stressful situations						
L101	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	1 10.00
Not at all	1 10.00 100.00	2 20.00 100.00	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	4 40.00
Some	0 0.00 0.00	0 0.00 0.00	2 20.00 100.00	1 10.00 50.00	0 0.00 0.00	2 20.00 100.00	5 50.00
Total	1 10.00	2 20.00	2 20.00	2 20.00	1 10.00	2 20.00	10 100.00

Frequency **Percent** **Col Pct**	Commercial thinking						
L102	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	
Not at all	1 9.09 100.00	2 18.18 100.00	2 18.18 100.00	0 0.00 0.00	2 18.18 100.00	2 18.18 100.00	9 81.82
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 18.18 100.00	0 0.00 0.00	0 0.00 0.00	2 18.18
Total	1 9.09	2 18.18	2 18.18	2 18.18	2 18.18	2 18.18	11 100.00

Do you expect the size of this occupation (how many people are working in the occupation) to decline, increase or remain stable in the next 5 years?

Frequency **Percent** **Col Pct**	**Table of L111 by COUNTRY**						
L111	**COUNTRY**						**Total**
	UK	**espagna**	**france**	**germany**	**netherl**	**poland**	

Decline	1 11.11 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11 100.00	0 0.00 0.00	2 22.22
Increase	0 0.00 0.00	0 0.00 0.00	1 11.11 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 11.11
Stable	0 0.00 0.00	2 22.22 100.00	0 0.00 0.00	2 22.22 100.00	0 0.00 0.00	2 22.22 100.00	6 66.67
Total	1 11.11	2 22.22	1 11.11	2 22.22	1 11.11	2 22.22	9 100.00

In general all tasks were performed daily in most countries. Competent performance of all tasks was important in all countries. Here is a short summary of the tasks characteristics in all countries (UK, ES, FR, DE, NL, PL):

1. Determine project requirements (e.g. assembly sequences, required methods, materials) from e.g. blueprints, drawings and written or verbal instructions. – daily or weekly in all countries, competent performance is important in all countries
2. Select materials, tools and equipment (e.g. gauges, types of sheet metal or non-metallic material) according to product specifications. - daily or weekly in all countries (one answer in FR – never), competent performance is important in all countries
3. Measure the sheet metal parts. - daily in all countries, competent performance is important in all countries
4. Make the sheet metal the right size and shape by e.g. heat treating, cutting, bending, etc. - daily in all countries, competent performance is important in all countries
5. Assemble components, e.g. by fastening seams and joints using welds, bolts, cement, rivets, etc. - daily in all countries, competent performance is important in all countries
6. Install assemblies, such as flashing, pipes, tubes, heating and air conditioning ducts, furnace casings, rain gutters and down spouts. - daily or weekly in all countries (one answer in FR, NL – never), competent performance is important in all countries
7. Repair sheet metal items. – daily in most countries, UK – monthly, competent performance is important in all countries
8. Fabricate or alter parts of vehicles, planes, building structures etc., e.g. using shears, hammers, punches and drills - daily in all countries (one answer in FR – never), competent performance is important in all countries
9. Finish the work, e.g. by trimming, grinding and smoothing surfaces, seams and joints using hand and power tools. - daily in most countries, NL – weekly, competent performance is important in all countries

Additional formal or legal requirements for this occupation exist in PL, and DE.

Countries differ (between and within) as far as reported required competences are concerned. A lot of competences in many countries are not important. Below importance of the competences for each country are presented (UK, ES, FR, DE, NL, PL):

Initiating action – important or some important in most countries (UK, NL – not at all)
Instructing co-workers – in most countries important or some important (NL – one expert – not at all)
Supervising – diverse, in most countries not important (PL – important, ES – some)
Co-operating with colleagues – in most countries important or some important (ES, NL –one expert not at all)
Communicating – – in most countries important or some important (ES, NL –one expert not at all)
Relating and networking – in most countries not important (PL – major)
Negotiating – in most countries not important
Reporting – important or some important in most countries (UK, ES, NL – one answers not at all)
Applying know-how, professional expertise – important in all countries
Problem solving – important or some important in most countries (NL – one answers not at all)
Developing new procedures and working methods – most countries important (NL – not at all, ES – one answer not at all)
Forming strategies – not important in most countries (except PL)
Planning and organising – important or some important in most countries (ES – not at all)
Following instructions and procedures – important in all countries
Dealing with contingencies – important or some important in most countries (UK, NL – not at all)
Coping with stressful situations – important in DE, some important – FR, PL, not at all – UK, ES, NL
Commercial thinking – not important in most countries (DE – some important)

According to experts from UK and NL the size of the occupation decline, in FR – increase, ES, DE, PL – remain stable.

3.20. Occupation Welder

The tasks list:

1. Examine detailed drawings or specifications to determine material and equipment requirements.
2. Clean and prepare the surfaces for welding.
3. Lay out and secure parts and assemblies prior to assembly, using tools such as straightedges, combination squares, calipers and rulers.
4. Weld metal and plastic components.
5. Monitor the operation of welding machines.

6. Examine quality of welding to detect defects.
7. Finish products by cleaning, polishing, filling, bathing in acid solutions, etc.
8. Keep records, e.g. of the welding work, and report on the maintenance of equipment.
9. Clean the work area.
10. Maintain the welding machines.

How frequently the task is performed (never or on a daily, weekly, monthly or yearly basis)?

Frequency / Percent / Col Pct	Examine detailed drawings or specifications to determine material and equipment requirements							
L27	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Daily	1 6.25 100.00	2 12.50 100.00	1 6.25 50.00	2 12.50 100.00	2 12.50 100.00	2 12.50 50.00	3 18.75 100.00	13 81.25
Weekly	0 0.00 0.00	0 0.00 0.00	1 6.25 50.00	0 0.00 0.00	0 0.00 0.00	2 12.50 50.00	0 0.00 0.00	3 18.75
Total	1 6.25	2 12.50	2 12.50	2 12.50	2 12.50	4 25.00	3 18.75	16 100.00

Frequency / Percent / Col Pct	Clean and prepare the surfaces for welding							
L28	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Daily	1 6.25 100.00	2 12.50 100.00	1 6.25 50.00	2 12.50 100.00	2 12.50 100.00	4 25.00 100.00	2 12.50 66.67	14 87.50
Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 6.25 33.33	1 6.25
Weekly	0 0.00 0.00	0 0.00 0.00	1 6.25 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 6.25
Total	1 6.25	2 12.50	2 12.50	2 12.50	2 12.50	4 25.00	3 18.75	16 100.00

Frequency / Percent / Col Pct	Lay out and secure parts and assemblies prior to assembly, using tools such as straightedges, combination squares, calipers and rulers							
L29	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	

Daily	1 5.88 100.00	2 11.76 100.00	2 11.76 100.00	2 11.76 100.00	2 11.76 100.00	5 29.41 100.00	2 11.76 66.67	16 94.12
Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 5.88 33.33	1 5.88
Total	1 5.88	2 11.76	2 11.76	2 11.76	2 11.76	5 29.41	3 17.65	17 100.00

Frequency
Percent
Col Pct

Weld metal and plastic components

L30	COUNTRY							Total
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	1 7.14 100.00	2 14.29 100.00	2 14.29 100.00	2 14.29 100.00	2 14.29 100.00	5 35.71 100.00	0 0.00 .	14 100.00
Total	1 7.14	2 14.29	2 14.29	2 14.29	2 14.29	5 35.71	0 0.00	14 100.00

Frequency
Percent
Col Pct

Monitor the operation of welding machines

L31	COUNTRY							Total
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	1 5.88 100.00	2 11.76 100.00	2 11.76 100.00	1 5.88 50.00	2 11.76 100.00	5 29.41 100.00	3 17.65 100.00	16 94.12
Weekly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 5.88 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 5.88
Total	1 5.88	2 11.76	2 11.76	2 11.76	2 11.76	5 29.41	3 17.65	17 100.00

Frequency
Percent
Col Pct

Examine quality of welding to detect defects

L32	COUNTRY							Total
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	1 5.88 100.00	2 11.76 100.00	2 11.76 100.00	2 11.76 100.00	2 11.76 100.00	3 17.65 60.00	0 0.00 0.00	12 70.59
Never	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	3 17.65	3 17.65

	0.00	0.00	0.00	0.00	0.00	0.00	100.00	
Weekly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 11.76 40.00	0 0.00 0.00	2 11.76
Total	1 5.88	2 11.76	2 11.76	2 11.76	2 11.76	5 29.41	3 17.65	17 100.00

Frequency
Percent
Col Pct

Finish products by cleaning, polishing, filling, bathing in acid solutions, etc.

L33	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	1 5.88 100.00	1 5.88 50.00	2 11.76 100.00	1 5.88 50.00	2 11.76 100.00	5 29.41 100.00	2 11.76 66.67	14 82.35
Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 5.88 33.33	1 5.88
Weekly	0 0.00 0.00	1 5.88 50.00	0 0.00 0.00	1 5.88 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 11.76
Total	1 5.88	2 11.76	2 11.76	2 11.76	2 11.76	5 29.41	3 17.65	17 100.00

Frequency
Percent
Col Pct

Ta Keep records, e.g. of the welding work, and report on the maintenance of equipment

L34	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	0 0.00 0.00	0 0.00 0.00	1 6.25 50.00	1 6.25 50.00	2 12.50 100.00	2 12.50 50.00	0 0.00 0.00	6 37.50
Monthly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 6.25 25.00	0 0.00 0.00	1 6.25
Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 6.25 25.00	3 18.75 100.00	4 25.00
Weekly	1 6.25 100.00	2 12.50 100.00	1 6.25 50.00	1 6.25 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	5 31.25
Total	1 6.25	2 12.50	2 12.50	2 12.50	2 12.50	4 25.00	3 18.75	16 100.00

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Frequency / Percent / Col Pct	. Clean the work area							
L35	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Daily	1 5.88 100.00	1 5.88 50.00	1 5.88 50.00	1 5.88 50.00	2 11.76 100.00	4 23.53 80.00	3 17.65 100.00	13 76.47
Weekly	0 0.00 0.00	1 5.88 50.00	1 5.88 50.00	1 5.88 50.00	0 0.00 0.00	1 5.88 20.00	0 0.00 0.00	4 23.53
Total	1 5.88	2 11.76	2 11.76	2 11.76	2 11.76	5 29.41	3 17.65	17 100.00

Frequency / Percent / Col Pct	Maintain the welding machines							
L36	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Daily	0 0.00 0.00	1 6.25 50.00	1 6.25 50.00	1 6.25 50.00	2 12.50 100.00	2 12.50 50.00	3 18.75 100.00	10 62.50
Monthly	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 6.25 50.00	0 0.00 0.00	1 6.25 25.00	0 0.00 0.00	2 12.50
Weekly	1 6.25 100.00	1 6.25 50.00	1 6.25 50.00	0 0.00 0.00	0 0.00 0.00	1 6.25 25.00	0 0.00 0.00	4 25.00
Total	1 6.25	2 12.50	2 12.50	2 12.50	2 12.50	4 25.00	3 18.75	16 100.00

How important is competent performance of this task in this occupation?

Frequency / Percent / Col Pct	Examine detailed drawings or specifications to determine material and equipment requirements							
L40	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	1 6.25 100.00	2 12.50 100.00	2 12.50 100.00	2 12.50 100.00	2 12.50 100.00	4 25.00 100.00	2 12.50 66.67	15 93.75
Some	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	1 6.25	1 6.25

	0.00	0.00	0.00	0.00	0.00	0.00	33.33	
Total	1 6.25	2 12.50	2 12.50	2 12.50	2 12.50	4 25.00	3 18.75	16 100.00

Frequency Percent Col Pct	Clean and prepare the surfaces for welding							
L41	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 6.67 100.00	2 13.33 100.00	1 6.67 50.00	1 6.67 50.00	2 13.33 100.00	4 26.67 100.00	2 13.33 100.00	13 86.67
Some	0 0.00 0.00	0 0.00 0.00	1 6.67 50.00	1 6.67 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 13.33
Total	1 6.67	2 13.33	2 13.33	2 13.33	2 13.33	4 26.67	2 13.33	15 100.00

Frequency Percent Col Pct	Lay out and secure parts and assemblies prior to assembly, using tools such as straightedges, combination squares, calipers and rulers							
L42	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 6.25 100.00	2 12.50 100.00	2 12.50 100.00	1 6.25 50.00	2 12.50 100.00	4 25.00 80.00	2 12.50 100.00	14 87.50
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 6.25 50.00	0 0.00 0.00	1 6.25 20.00	0 0.00 0.00	2 12.50
Total	1 6.25	2 12.50	2 12.50	2 12.50	2 12.50	5 31.25	2 12.50	16 100.00

Frequency Percent Col Pct	Weld metal and plastic components							
L43	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 7.14 100.00	2 14.29 100.00	2 14.29 100.00	2 14.29 100.00	2 14.29 100.00	5 35.71 100.00	0 0.00 .	14 100.00
Total	1 7.14	2 14.29	2 14.29	2 14.29	2 14.29	5 35.71	0 0.00	14 100.00

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Frequency / Percent / Col Pct	Monitor the operation of welding machines							
L44	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	1 5.88 100.00	2 11.76 100.00	2 11.76 100.00	1 5.88 50.00	2 11.76 100.00	4 23.53 80.00	3 17.65 100.00	15 88.24
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 5.88 50.00	0 0.00 0.00	1 5.88 20.00	0 0.00 0.00	2 11.76
Total	1 5.88	2 11.76	2 11.76	2 11.76	2 11.76	5 29.41	3 17.65	17 100.00

Frequency / Percent / Col Pct	Examine quality of welding to detect defects							
L45	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	1 7.14 100.00	2 14.29 100.00	2 14.29 100.00	2 14.29 100.00	2 14.29 100.00	4 28.57 80.00	0 0.00 .	13 92.86
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 7.14 20.00	0 0.00 .	1 7.14
Total	1 7.14	2 14.29	2 14.29	2 14.29	2 14.29	5 35.71	0 0.00	14 100.00

Frequency / Percent / Col Pct	Finish products by cleaning, polishing, filling, bathing in acid solutions, etc							
L46	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	1 6.25 100.00	1 6.25 50.00	1 6.25 50.00	1 6.25 50.00	2 12.50 100.00	4 25.00 80.00	0 0.00 0.00	10 62.50
Some	0 0.00 0.00	1 6.25 50.00	1 6.25 50.00	1 6.25 50.00	0 0.00 0.00	1 6.25 20.00	2 12.50 100.00	6 37.50
Total	1 6.25	2 12.50	2 12.50	2 12.50	2 12.50	5 31.25	2 12.50	16 100.00

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Frequency / Percent / Col Pct	Keep records, e.g. of the welding work, and report on the maintenance of equipment							
L47	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	0 0.00 0.00	0 0.00 0.00	1 8.33 50.00	1 8.33 50.00	2 16.67 100.00	2 16.67 66.67	0 0.00 .	6 50.00
Some	1 8.33 100.00	2 16.67 100.00	1 8.33 50.00	1 8.33 50.00	0 0.00 0.00	1 8.33 33.33	0 0.00 .	6 50.00
Total	1 8.33	2 16.67	2 16.67	2 16.67	2 16.67	3 25.00	0 0.00	12 100.00

Frequency / Percent / Col Pct	competent performance is important in all countries							
L48	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	0 0.00 0.00	1 6.25 50.00	1 6.25 50.00	1 6.25 50.00	2 12.50 100.00	3 18.75 75.00	3 18.75 100.00	11 68.75
Some	1 6.25 100.00	1 6.25 50.00	1 6.25 50.00	1 6.25 50.00	0 0.00 0.00	1 6.25 25.00	0 0.00 0.00	5 31.25
Total	1 6.25	2 12.50	2 12.50	2 12.50	2 12.50	4 25.00	3 18.75	16 100.00

Frequency / Percent / Col Pct	Maintain the welding machines							
L49	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	1 6.25 100.00	1 6.25 50.00	1 6.25 50.00	1 6.25 50.00	2 12.50 100.00	2 12.50 50.00	3 18.75 100.00	11 68.75
Some	0 0.00 0.00	1 6.25 50.00	1 6.25 50.00	1 6.25 50.00	0 0.00 0.00	2 12.50 50.00	0 0.00 0.00	5 31.25
Total	1 6.25	2 12.50	2 12.50	2 12.50	2 12.50	4 25.00	3 18.75	16 100.00

Are there additional formal or legal requirements for this occupation

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Frequency / Percent / Col Pct	diploma (full educational programme)							
L121_1	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
1	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	4 66.67 100.00	2 33.33 100.00	6 100.00
Total	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	4 66.67	2 33.33	6 100.00

Frequency / Percent / Col Pct	certification (training / course)							
L121_2	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
1	0 0.00 .	2 18.18 100.00	0 0.00 .	2 18.18 100.00	1 9.09 100.00	3 27.27 100.00	3 27.27 100.00	11 100.00
Total	0 0.00	2 18.18	0 0.00	2 18.18	1 9.09	3 27.27	3 27.27	11 100.00

Frequency / Percent / Col Pct	working according to a professional code or protocol							
L121_3	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
1	0 0.00 .	0 0.00 .	0 0.00 .	2 28.57 100.00	1 14.29 100.00	1 14.29 100.00	3 42.86 100.00	7 100.00
Total	0 0.00	0 0.00	0 0.00	2 28.57	1 14.29	1 14.29	3 42.86	7 100.00

How are the additional *diploma requirements* established/laid down?

Frequency / Percent / Col Pct	Table of L73 by COUNTRY							
L73	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Branch or industry	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	3 75.00 75.00	0 0.00 .	3 75.00
Law or legal requirement	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	1 25.00 25.00	0 0.00 .	1 25.00

Total	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	4 100.00	0 0.00	4 100.00

How are the additional *certification (training/course) requirements* established/laid down?

Frequency Percent Col Pct	Table of L75 by COUNTRY							
L75	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Law or legal requirement	0 0.00 .	0 0.00 .	0 0.00 .	1 50.00 100.00	0 0.00 .	0 0.00 .	1 50.00 100.00	2 100.00
Total	0 0.00	0 0.00	0 0.00	1 50.00	0 0.00	0 0.00	1 50.00	2 100.00

How are the additional *professional code or protocol requirements* established/laid down?

Frequency Percent Col Pct	Table of L77 by COUNTRY							
L77	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Branch or industry	0 0.00 .	0 0.00 .	0 0.00 .	1 20.00 50.00	0 0.00 0.00	1 20.00 100.00	1 20.00 100.00	3 60.00
Collective labour agreement	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 0.00	1 20.00 100.00	0 0.00 0.00	0 0.00 0.00	1 20.00
Law or legal requirement	0 0.00 .	0 0.00 .	0 0.00 .	1 20.00 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 20.00
Total	0 0.00	0 0.00	0 0.00	2 40.00	1 20.00	1 20.00	1 20.00	5 100.00

Relevance of the competencies mentioned below for this occupation

Frequency Percent Col Pct	Initiating action							
L86	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00	0 0.00	1 5.88	1 5.88	1 5.88	2 11.76	2 11.76	7 41.18

	0.00	0.00	50.00	50.00	50.00	40.00	66.67	
Not at all	0 0.00 0.00	1 5.88 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 5.88 20.00	1 5.88 33.33	3 17.65
Some	1 5.88 100.00	1 5.88 50.00	1 5.88 50.00	1 5.88 50.00	1 5.88 50.00	2 11.76 40.00	0 0.00 0.00	7 41.18
Total	1 5.88	2 11.76	2 11.76	2 11.76	2 11.76	5 29.41	3 17.65	17 100.00

Frequency
Percent
Col Pct

Instructing co-workers

L87	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 5.88 50.00	1 5.88 20.00	3 17.65 100.00	5 29.41
Not at all	0 0.00 0.00	2 11.76 100.00	0 0.00 0.00	0 0.00 0.00	1 5.88 50.00	1 5.88 20.00	0 0.00 0.00	4 23.53
Some	1 5.88 100.00	0 0.00 0.00	2 11.76 100.00	2 11.76 100.00	0 0.00 0.00	3 17.65 60.00	0 0.00 0.00	8 47.06
Total	1 5.88	2 11.76	2 11.76	2 11.76	2 11.76	5 29.41	3 17.65	17 100.00

Frequency
Percent
Col Pct

Supervising

L88	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	1 5.88 50.00	0 0.00 0.00	1 5.88 50.00	0 0.00 0.00	2 11.76 66.67	4 23.53
Not at all	1 5.88 100.00	2 11.76 100.00	0 0.00 0.00	1 5.88 50.00	1 5.88 50.00	3 17.65 60.00	1 5.88 33.33	9 52.94
Some	0 0.00 0.00	0 0.00 0.00	1 5.88 50.00	1 5.88 50.00	0 0.00 0.00	2 11.76 40.00	0 0.00 0.00	4 23.53
Total	1 5.88	2 11.76	2 11.76	2 11.76	2 11.76	5 29.41	3 17.65	17 100.00

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Co-operating with colleagues

Frequency / Percent / Col Pct	COUNTRY							Total
L89	UK	belgium	espagna	france	germany	netherl	poland	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 5.88 50.00	3 17.65 60.00	3 17.65 100.00	7 41.18
Not at all	0 0.00 0.00	1 5.88 50.00	1 5.88 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 11.76
Some	1 5.88 100.00	1 5.88 50.00	1 5.88 50.00	2 11.76 100.00	1 5.88 50.00	2 11.76 40.00	0 0.00 0.00	8 47.06
Total	1 5.88	2 11.76	2 11.76	2 11.76	2 11.76	5 29.41	3 17.65	17 100.00

Communicating

Frequency / Percent / Col Pct	COUNTRY							Total
L90	UK	belgium	espagna	france	germany	netherl	poland	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 5.88 50.00	3 17.65 60.00	3 17.65 100.00	7 41.18
Not at all	0 0.00 0.00	1 5.88 50.00	1 5.88 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 11.76
Some	1 5.88 100.00	1 5.88 50.00	1 5.88 50.00	2 11.76 100.00	1 5.88 50.00	2 11.76 40.00	0 0.00 0.00	8 47.06
Total	1 5.88	2 11.76	2 11.76	2 11.76	2 11.76	5 29.41	3 17.65	17 100.00

Relating and networking

Frequency / Percent / Col Pct	COUNTRY							Total
L91	UK	belgium	espagna	france	germany	netherl	poland	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 5.88 50.00	1 5.88 20.00	2 11.76 66.67	4 23.53
Not at all	1	2	1	1	1	3	0	9

	5.88 100.00	11.76 100.00	5.88 50.00	5.88 50.00	5.88 50.00	17.65 60.00	0.00 0.00	52.94
Some	0 0.00 0.00	0 0.00 0.00	1 5.88 50.00	1 5.88 50.00	0 0.00 0.00	1 5.88 20.00	1 5.88 33.33	4 23.53
Total	1 5.88	2 11.76	2 11.76	2 11.76	2 11.76	5 29.41	3 17.65	17 100.00

Frequency
Percent
Col Pct

Negotiating

L92	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 5.88 50.00	1 5.88 20.00	0 0.00 0.00	2 11.76
Not at all	1 5.88 100.00	2 11.76 100.00	2 11.76 100.00	1 5.88 50.00	1 5.88 50.00	4 23.53 80.00	1 5.88 33.33	12 70.59
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 5.88 50.00	0 0.00 0.00	0 0.00 0.00	2 11.76 66.67	3 17.65
Total	1 5.88	2 11.76	2 11.76	2 11.76	2 11.76	5 29.41	3 17.65	17 100.00

Frequency
Percent
Col Pct

Reporting

L93	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 5.88 50.00	0 0.00 0.00	2 11.76 66.67	3 17.65
Not at all	0 0.00 0.00	1 5.88 50.00	1 5.88 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 5.88 33.33	3 17.65
Some	1 5.88 100.00	1 5.88 50.00	1 5.88 50.00	2 11.76 100.00	1 5.88 50.00	5 29.41 100.00	0 0.00 0.00	11 64.71
Total	1 5.88	2 11.76	2 11.76	2 11.76	2 11.76	5 29.41	3 17.65	17 100.00

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Applying know-how, professional expertise

Frequency / Percent / Col Pct	L94	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	1 5.88 100.00	2 11.76 100.00	2 11.76 100.00	2 11.76 100.00	2 11.76 100.00	5 29.41 100.00	3 17.65 100.00	17 100.00
	Total	1 5.88	2 11.76	2 11.76	2 11.76	2 11.76	5 29.41	3 17.65	17 100.00

Problem solving

Frequency / Percent / Col Pct	L95	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	0 0.00 0.00	0 0.00 0.00	1 6.25 50.00	2 12.50 100.00	1 6.25 50.00	3 18.75 75.00	3 18.75 100.00	10 62.50
	Not at all	0 0.00 0.00	1 6.25 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 6.25
	Some	1 6.25 100.00	1 6.25 50.00	1 6.25 50.00	0 0.00 0.00	1 6.25 50.00	1 6.25 25.00	0 0.00 0.00	5 31.25
	Total	1 6.25	2 12.50	2 12.50	2 12.50	2 12.50	4 25.00	3 18.75	16 100.00

Developing new procedures and working methods

Frequency / Percent / Col Pct	L96	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	0 0.00 0.00	0 0.00 0.00	1 5.88 50.00	1 5.88 50.00	1 5.88 50.00	0 0.00 0.00	3 17.65 100.00	6 35.29
	Not at all	0 0.00 0.00	2 11.76 100.00	1 5.88 50.00	0 0.00 0.00	1 5.88 50.00	1 5.88 20.00	0 0.00 0.00	5 29.41
	Some	1 5.88 100.00	0 0.00 0.00	0 0.00 0.00	1 5.88 50.00	0 0.00 0.00	4 23.53 80.00	0 0.00 0.00	6 35.29
	Total	1 5.88	2 11.76	2 11.76	2 11.76	2 11.76	5 29.41	3 17.65	17 100.00

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Frequency / Percent / Col Pct	Forming strategies							
L97	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Not at all	1 5.88 100.00	2 11.76 100.00	1 5.88 50.00	1 5.88 50.00	1 5.88 50.00	4 23.53 80.00	1 5.88 33.33	11 64.71
Some	0 0.00 0.00	0 0.00 0.00	1 5.88 50.00	1 5.88 50.00	1 5.88 50.00	1 5.88 20.00	2 11.76 66.67	6 35.29
Total	1 5.88	2 11.76	2 11.76	2 11.76	2 11.76	5 29.41	3 17.65	17 100.00

Frequency / Percent / Col Pct	Planning and organising							
L98	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	1 5.88 100.00	0 0.00 0.00	1 5.88 50.00	1 5.88 50.00	2 11.76 100.00	1 5.88 20.00	2 11.76 66.67	8 47.06
Not at all	0 0.00 0.00	0 0.00 0.00	1 5.88 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 5.88 33.33	2 11.76
Some	0 0.00 0.00	2 11.76 100.00	0 0.00 0.00	1 5.88 50.00	0 0.00 0.00	4 23.53 80.00	0 0.00 0.00	7 41.18
Total	1 5.88	2 11.76	2 11.76	2 11.76	2 11.76	5 29.41	3 17.65	17 100.00

Frequency / Percent / Col Pct	Following instructions and procedures							
L99	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Major	1 5.88 100.00	2 11.76 100.00	2 11.76 100.00	2 11.76 100.00	1 5.88 50.00	5 29.41 100.00	3 17.65 100.00	16 94.12
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 5.88 50.00	0 0.00 0.00	0 0.00 0.00	1 5.88
Total	1 5.88	2 11.76	2 11.76	2 11.76	2 11.76	5 29.41	3 17.65	17 100.00

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Dealing with contingencies

Frequency / Percent / Col Pct	L100	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	0 0.00 0.00	0 0.00 0.00	1 6.25 50.00	2 12.50 100.00	1 6.25 50.00	2 12.50 50.00	2 12.50 66.67	8 50.00
	Not at all	0 0.00 0.00	1 6.25 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 6.25
	Some	1 6.25 100.00	1 6.25 50.00	1 6.25 50.00	0 0.00 0.00	1 6.25 50.00	2 12.50 50.00	1 6.25 33.33	7 43.75
	Total	1 6.25	2 12.50	2 12.50	2 12.50	2 12.50	4 25.00	3 18.75	16 100.00

Coping with stressful situations

Frequency / Percent / Col Pct	L101	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 6.25 50.00	1 6.25 25.00	2 12.50 66.67	4 25.00
	Not at all	1 6.25 100.00	0 0.00 0.00	1 6.25 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 12.50
	Some	0 0.00 0.00	2 12.50 100.00	1 6.25 50.00	2 12.50 100.00	1 6.25 50.00	3 18.75 75.00	1 6.25 33.33	10 62.50
	Total	1 6.25	2 12.50	2 12.50	2 12.50	2 12.50	4 25.00	3 18.75	16 100.00

Commercial thinking

Frequency / Percent / Col Pct	L102	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 5.88 50.00	1 5.88 20.00	2 11.76 66.67	4 23.53
	Not at all	1	2	1	2	1	3	1	11

	5.88 100.00	11.76 100.00	5.88 50.00	11.76 100.00	5.88 50.00	17.65 60.00	5.88 33.33	64.71
Some	0 0.00 0.00	0 0.00 0.00	1 5.88 50.00	0 0.00 0.00	0 0.00 0.00	1 5.88 20.00	0 0.00 0.00	2 11.76
Total	1 5.88	2 11.76	2 11.76	2 11.76	2 11.76	5 29.41	3 17.65	17 100.00

Do you expect the size of this occupation (how many people are working in the occupation) to decline, increase or remain stable in the next 5 years?

Frequency Percent Col Pct	Table of L111 by COUNTRY							
L111	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Decline	1 7.14 100.00	0 0.00 0.00	0 0.00 0.00	1 7.14 100.00	0 0.00 0.00	1 7.14 25.00	0 0.00 0.00	3 21.43
Increase	0 0.00 0.00	0 0.00 0.00	1 7.14 50.00	0 0.00 0.00	0 0.00 0.00	1 7.14 25.00	3 21.43 100.00	5 35.71
Stable	0 0.00 0.00	1 7.14 100.00	1 7.14 50.00	0 0.00 0.00	2 14.29 100.00	2 14.29 50.00	0 0.00 0.00	6 42.86
Total	1 7.14	1 7.14	2 14.29	1 7.14	2 14.29	4 28.57	3 21.43	14 100.00

In general all tasks were performed daily in most countries (only in PL one expert indicate very often, that some tasks are not performed). Competent performance of all tasks was important in all countries. Here is a short summary of the tasks characteristics in all countries (UK, BE, ES, FR, DE, NL, PL):

1. Examine detailed drawings or specifications to determine material and equipment requirements. – daily or weekly in all countries, competent performance is important in all countries
2. Clean and prepare the surfaces for welding. – daily in all countries (one answer in PL- never), competent performance is important in all countries
3. Lay out and secure parts and assemblies prior to assembly, using tools such as straightedges, combination squares, calipers and rulers. - daily in all countries (one answer in PL- never), competent performance is important in all countries
4. Weld metal and plastic components. - daily in all countries, competent performance is important in all countries

5. Monitor the operation of welding machines. - daily in all countries, competent performance is important in all countries
6. Examine quality of welding to detect defects. - competent performance is important in all countries
7. Finish products by cleaning, polishing, filling, bathing in acid solutions, etc. - daily in all countries (one answer in PL- never) , competent performance is important in all countries
8. Keep records, e.g. of the welding work, and report on the maintenance of equipment. - daily in most countries (in PL- never), competent performance is important in all countries
9. Clean the work area. - daily in all countries, competent performance is important in all countries
10. Maintain the welding machines. - daily or weekly in all countries, competent performance is important in all countries

Additional formal or legal requirements for this occupation exist in BE, FR, DE, NL, PL.

Countries differ (between and within) as far as reported required competences are concerned. A lot of competences in many countries are not important. Below importance of the competences for each country are presented (UK, BE, ES, FR, DE, NL, PL):

Initiating action – important or some important in most countries (BE, NL. PL – one answer not at all)
Instructing co-workers – PL- important, E, NL – important and not at all, BE – not at all
Supervising – diverse, in most countries not important (PL – important, ES – some)
Co-operating with colleagues – in most countries important or some important (ES, NL –one expert not at all)
Communicating – in most countries important or some important (BE, ES –one expert not at all)
Relating and networking – in most countries not important (PL – important)
Negotiating – in most countries not important (PL – some important)
Reporting – diverse, in general some important, one answer not at all in BE, ES, PL
Applying know-how, professional expertise – important in all countries
Problem solving – most countries important or some important (BE – one answer not at all)
Developing new procedures and working methods – diverse in all countries
Forming strategies – not important in most countries
Planning and organising – – in most countries important (PL, ES – one expert not at all)
Following instructions and procedures – important or some important in most countries (UK, NL – not at all)
Dealing with contingencies – important in most countries (BE – not at all)
Coping with stressful situations – important in DE, NL, PL, some important – all except BE, not at all – BE
Commercial thinking – not important in most countries (PL, DE, NL – diverse)

According to experts from UK and FR the size of the occupation decline, in PL – increase, BE, ES, DE – remain stable, NL – different opinion (increase, decline, remain stable).

3.21. Occupation Wood processing plant operator

The tasks list:

1. Study work orders to determine requirements.
2. Determine product specifications, materials, work methods and machine setup.
3. Adjust machine tables or cutting devices and set controls on machines to produce specified cuts or operations.
4. Start machines.
5. Feed stock, e.g. through feed mechanisms or conveyors.
6. Monitor operation of machines and make adjustments.
7. Detect rot, splits and other defects in wood and finished products.
8. Check quality, packaging and stacking of products.
9. Adjust, clean, repair and replace machine parts.
10. Record production details and report machine or production faults.

How frequently the task is performed (never or on a daily, weekly, monthly or yearly basis)?

Frequency / Percent / Col Pct		Study work orders to determine requirements							
	L27	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Daily	3	1	2	1	2	1	0	10
		30.00	10.00	20.00	10.00	20.00	10.00	0.00	100.00
		100.00	100.00	100.00	100.00	100.00	100.00	.	
	Total	3	1	2	1	2	1	0	10
		30.00	10.00	20.00	10.00	20.00	10.00	0.00	100.00

Frequency / Percent / Col Pct		Determine product specifications, materials, work methods and machine setup							
	L28	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Daily	3	1	2	2	2	1	0	11
		27.27	9.09	18.18	18.18	18.18	9.09	0.00	100.00
		100.00	100.00	100.00	100.00	100.00	100.00	.	
	Total	3	1	2	2	2	1	0	11
		27.27	9.09	18.18	18.18	18.18	9.09	0.00	100.00

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Frequency / Percent / Col Pct	Adjust machine tables or cutting devices and set controls on machines to produce specified cuts or operations							
L29	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	3 27.27 100.00	1 9.09 100.00	2 18.18 100.00	2 18.18 100.00	2 18.18 100.00	1 9.09 100.00	0 0.00 .	11 100.00
Total	3 27.27	1 9.09	2 18.18	2 18.18	2 18.18	1 9.09	0 0.00	11 100.00

Frequency / Percent / Col Pct	Start machines							
L30	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	3 27.27 100.00	1 9.09 100.00	2 18.18 100.00	2 18.18 100.00	2 18.18 100.00	1 9.09 100.00	0 0.00 .	11 100.00
Total	3 27.27	1 9.09	2 18.18	2 18.18	2 18.18	1 9.09	0 0.00	11 100.00

Frequency / Percent / Col Pct	Feed stock, e.g. through feed mechanisms or conveyors							
L31	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	3 27.27 100.00	1 9.09 100.00	2 18.18 100.00	2 18.18 100.00	2 18.18 100.00	1 9.09 100.00	0 0.00 .	11 100.00
Total	3 27.27	1 9.09	2 18.18	2 18.18	2 18.18	1 9.09	0 0.00	11 100.00

Frequency / Percent / Col Pct	Monitor operation of machines and make adjustments							
L32	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Daily	3 27.27 100.00	1 9.09 100.00	2 18.18 100.00	2 18.18 100.00	2 18.18 100.00	1 9.09 100.00	0 0.00 .	11 100.00
Total	3 27.27	1 9.09	2 18.18	2 18.18	2 18.18	1 9.09	0 0.00	11 100.00

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Frequency / Percent / Col Pct	Detect rot, splits and other defects in wood and finished products							
L33	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Daily	3	1	2	2	2	1	0	11
	27.27	9.09	18.18	18.18	18.18	9.09	0.00	100.00
	100.00	100.00	100.00	100.00	100.00	100.00	.	
Total	3	1	2	2	2	1	0	11
	27.27	9.09	18.18	18.18	18.18	9.09	0.00	100.00

Frequency / Percent / Col Pct	Check quality, packaging and stacking of products							
L34	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Daily	2	1	2	2	2	1	0	10
	18.18	9.09	18.18	18.18	18.18	9.09	0.00	90.91
	66.67	100.00	100.00	100.00	100.00	100.00	.	
Weekly	1	0	0	0	0	0	0	1
	9.09	0.00	0.00	0.00	0.00	0.00	0.00	9.09
	33.33	0.00	0.00	0.00	0.00	0.00	.	
Total	3	1	2	2	2	1	0	11
	27.27	9.09	18.18	18.18	18.18	9.09	0.00	100.00

Frequency / Percent / Col Pct	Adjust, clean, repair and replace machine parts							
L35	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Daily	3	1	2	1	2	0	0	9
	30.00	10.00	20.00	10.00	20.00	0.00	0.00	90.00
	100.00	100.00	100.00	100.00	100.00	0.00	.	
Weekly	0	0	0	0	0	1	0	1
	0.00	0.00	0.00	0.00	0.00	10.00	0.00	10.00
	0.00	0.00	0.00	0.00	0.00	100.00	.	
Total	3	1	2	1	2	1	0	10
	30.00	10.00	20.00	10.00	20.00	10.00	0.00	100.00

Frequency / Percent / Col Pct	Record production details and report machine or production faults.							
L36	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Daily	2	1	2	2	2	0	0	9

	18.18 66.67	9.09 100.00	18.18 100.00	18.18 100.00	18.18 100.00	0.00 0.00	0.00 .	81.82
Weekly	1 9.09 33.33	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09 100.00	0 0.00 .	2 18.18
Total	3 27.27	1 9.09	2 18.18	2 18.18	2 18.18	1 9.09	0 0.00	11 100.00

How important is competent performance of this task in this occupation?

Frequency **Percent** **Col Pct**	Study work orders to determine requirements							
L40	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	2 20.00 100.00	1 10.00 100.00	2 20.00 100.00	0 0.00 0.00	1 10.00 50.00	1 10.00 100.00	0 0.00 .	7 70.00
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 20.00 100.00	1 10.00 50.00	0 0.00 0.00	0 0.00 .	3 30.00
Total	2 20.00	1 10.00	2 20.00	2 20.00	2 20.00	1 10.00	0 0.00	10 100.00

Frequency **Percent** **Col Pct**	. Determine product specifications, materials, work methods and machine setup							
L41	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	2 20.00 100.00	1 10.00 100.00	1 10.00 50.00	1 10.00 50.00	1 10.00 50.00	1 10.00 100.00	0 0.00 .	7 70.00
Some	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	1 10.00 50.00	1 10.00 50.00	0 0.00 0.00	0 0.00 .	3 30.00
Total	2 20.00	1 10.00	2 20.00	2 20.00	2 20.00	1 10.00	0 0.00	10 100.00

Frequency **Percent** **Col Pct**	Adjust machine tables or cutting devices and set controls on machines to produce specified cuts or operations							
L42	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	2	1	2	1	2	1	0	9

	20.00 100.00	10.00 100.00	20.00 100.00	10.00 50.00	20.00 100.00	10.00 100.00	0.00 .	90.00
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 10.00
Total	2 20.00	1 10.00	2 20.00	2 20.00	2 20.00	1 10.00	0 0.00	10 100.00

Frequency
Percent
Col Pct

Start machines

L43	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	2 20.00 100.00	1 10.00 100.00	2 20.00 100.00	1 10.00 50.00	1 10.00 50.00	1 10.00 100.00	0 0.00 .	8 80.00
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	1 10.00 50.00	0 0.00 0.00	0 0.00 .	2 20.00
Total	2 20.00	1 10.00	2 20.00	2 20.00	2 20.00	1 10.00	0 0.00	10 100.00

Frequency
Percent
Col Pct

Feed stock, e.g. through feed mechanisms or conveyors - daily in all countries

L44	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	2 20.00 100.00	1 10.00 100.00	1 10.00 50.00	1 10.00 50.00	2 20.00 100.00	0 0.00 0.00	0 0.00 .	7 70.00
Some	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	1 10.00 50.00	0 0.00 0.00	1 10.00 100.00	0 0.00 .	3 30.00
Total	2 20.00	1 10.00	2 20.00	2 20.00	2 20.00	1 10.00	0 0.00	10 100.00

Frequency
Percent
Col Pct

Monitor operation of machines and make adjustments

L45	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	2 20.00 100.00	1 10.00 100.00	2 20.00 100.00	1 10.00 50.00	2 20.00 100.00	1 10.00 100.00	0 0.00 .	9 90.00

Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 10.00
Total	2 20.00	1 10.00	2 20.00	2 20.00	2 20.00	1 10.00	0 0.00	10 100.00

Frequency
Percent
Col Pct

Detect rot, splits and other defects in wood and finished products

L46	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	2 20.00 100.00	1 10.00 100.00	1 10.00 50.00	1 10.00 50.00	1 10.00 50.00	1 10.00 100.00	0 0.00 .	7 70.00
Some	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	1 10.00 50.00	1 10.00 50.00	0 0.00 0.00	0 0.00 .	3 30.00
Total	2 20.00	1 10.00	2 20.00	2 20.00	2 20.00	1 10.00	0 0.00	10 100.00

Frequency
Percent
Col Pct

Check quality, packaging and stacking of products

L47	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	2 20.00 100.00	1 10.00 100.00	1 10.00 50.00	1 10.00 50.00	2 20.00 100.00	1 10.00 100.00	0 0.00 .	8 80.00
Some	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	2 20.00
Total	2 20.00	1 10.00	2 20.00	2 20.00	2 20.00	1 10.00	0 0.00	10 100.00

Frequency
Percent
Col Pct

Adjust, clean, repair and replace machine parts

L48	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	2 20.00 100.00	1 10.00 100.00	1 10.00 50.00	1 10.00 50.00	1 10.00 50.00	1 10.00 100.00	0 0.00 .	7 70.00
Some	0 0.00	0 0.00	1 10.00	1 10.00	1 10.00	0 0.00	0 0.00	3 30.00

	0.00	0.00	50.00	50.00	50.00	0.00	.	
Total	2 20.00	1 10.00	2 20.00	2 20.00	2 20.00	1 10.00	0 0.00	10 100.00

Frequency Percent Col Pct	Record production details and report machine or production faults							
L49	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 10.00 50.00	1 10.00 100.00	1 10.00 50.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	0 0.00 .	4 40.00
Some	1 10.00 50.00	0 0.00 0.00	1 10.00 50.00	2 20.00 100.00	1 10.00 50.00	1 10.00 100.00	0 0.00 .	6 60.00
Total	2 20.00	1 10.00	2 20.00	2 20.00	2 20.00	1 10.00	0 0.00	10 100.00

Are there additional formal or legal requirements for this occupation

Frequency Percent Col Pct	other							
L121_4	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
1	2 100.00 100.00	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	2 100.00
Total	2 100.00	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	2 100.00

How are the additional *certification (training/course) requirements* established/laid down?

Frequency Percent Col Pct	**Table of L75 by COUNTRY**							
L75	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Branch or industry	0 0.00 .	0 0.00 0.00	1 20.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 20.00
Federal government	0 0.00 .	1 20.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 20.00
Law or legal requirement	0	0	0	1	0	0	0	1

	0.00 . 	0.00 0.00 	0.00 0.00 	20.00 100.00 	0.00 0.00 	0.00 0.00 	0.00 . 	20.00
Other	0 0.00 .	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 20.00 100.00	1 20.00 100.00	0 0.00 .	2 40.00
Total	0 0.00 	1 20.00 	1 20.00 	1 20.00 	1 20.00 	1 20.00 	0 0.00 	5 100.00

How are the additional *other requirements* established/laid down?

Frequency Percent Col Pct	Table of L79 by COUNTRY							
L79	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Branch or industry	1 50.00 50.00	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	1 50.00
Other	1 50.00 50.00	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	0 0.00 .	1 50.00
Total	2 100.00	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	2 100.00

Relevance of the competencies mentioned below for this occupation

Frequency Percent Col Pct	Initiating action							
L86	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 9.09 50.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	2 18.18 100.00	1 9.09 50.00	0 0.00 .	5 45.45
Not at all	0 0.00 0.00	1 9.09 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 .	2 18.18
Some	1 9.09 50.00	0 0.00 0.00	1 9.09 50.00	2 18.18 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	4 36.36
Total	2 18.18	1 9.09	2 18.18	2 18.18	2 18.18	2 18.18	0 0.00	11 100.00

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Instructing co-workers

Frequency / Percent / Col Pct	L87	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 10.00
	Not at all	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	0 0.00 .	2 20.00
	Some	1 10.00 50.00	0 0.00 0.00	2 20.00 100.00	1 10.00 100.00	2 20.00 100.00	1 10.00 50.00	0 0.00 .	7 70.00
	Total	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	2 20.00	0 0.00	10 100.00

Supervising

Frequency / Percent / Col Pct	L88	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 9.09
	Not at all	1 9.09 50.00	1 9.09 100.00	0 0.00 0.00	1 9.09 50.00	2 18.18 100.00	2 18.18 100.00	0 0.00 .	7 63.64
	Some	0 0.00 0.00	0 0.00 0.00	2 18.18 100.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	3 27.27
	Total	2 18.18	1 9.09	2 18.18	2 18.18	2 18.18	2 18.18	0 0.00	11 100.00

Co-operating with colleagues

Frequency / Percent / Col Pct	L89	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 18.18 100.00	1 9.09 50.00	0 0.00 .	4 36.36
	Not at all	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 .	2 18.18

Some	1 9.09 50.00	1 9.09 100.00	1 9.09 50.00	2 18.18 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	5 45.45
Total	2 18.18	1 9.09	2 18.18	2 18.18	2 18.18	2 18.18	0 0.00	11 100.00

Frequency / Percent / Col Pct

Communicating

L90	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 18.18 100.00	0 0.00 0.00	0 0.00 .	3 27.27
Not at all	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 .	2 18.18
Some	1 9.09 50.00	1 9.09 100.00	1 9.09 50.00	2 18.18 100.00	0 0.00 0.00	1 9.09 50.00	0 0.00 .	6 54.55
Total	2 18.18	1 9.09	2 18.18	2 18.18	2 18.18	2 18.18	0 0.00	11 100.00

Frequency / Percent / Col Pct

Relating and networking

L91	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 9.09
Not at all	1 9.09 50.00	1 9.09 100.00	2 18.18 100.00	1 9.09 50.00	2 18.18 100.00	2 18.18 100.00	0 0.00 .	9 81.82
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 9.09
Total	2 18.18	1 9.09	2 18.18	2 18.18	2 18.18	2 18.18	0 0.00	11 100.00

Frequency / Percent

Negotiating

L92	**COUNTRY**	**Total**

Col Pct		UK	belgium	espagna	france	germany	netherl	poland	
	Not at all	1 9.09 50.00	1 9.09 100.00	2 18.18 100.00	1 9.09 50.00	2 18.18 100.00	2 18.18 100.00	0 0.00 .	9 81.82
	Some	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	2 18.18
	Total	2 18.18	1 9.09	2 18.18	2 18.18	2 18.18	2 18.18	0 0.00	11 100.00

Frequency Percent Col Pct		Reporting							
	L93	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Not at all	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 .	2 18.18
	Some	2 18.18 100.00	1 9.09 100.00	1 9.09 50.00	2 18.18 100.00	2 18.18 100.00	1 9.09 50.00	0 0.00 .	9 81.82
	Total	2 18.18	1 9.09	2 18.18	2 18.18	2 18.18	2 18.18	0 0.00	11 100.00

Frequency Percent Col Pct		Applying know-how, professional expertise							
	L94	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	2 20.00 100.00	0 0.00 0.00	1 10.00 50.00	1 10.00 50.00	2 20.00 100.00	1 10.00 100.00	0 0.00 .	7 70.00
	Some	0 0.00 0.00	1 10.00 100.00	1 10.00 50.00	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	3 30.00
	Total	2 20.00	1 10.00	2 20.00	2 20.00	2 20.00	1 10.00	0 0.00	10 100.00

Frequency Percent Col Pct		Problem solving							
	L95	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Major	1	1	1	0	1	0	0	4

	9.09 50.00	9.09 100.00	9.09 50.00	0.00 0.00	9.09 50.00	0.00 0.00	0.00 .	36.36
Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 .	1 9.09
Some	1 9.09 50.00	0 0.00 0.00	1 9.09 50.00	2 18.18 100.00	1 9.09 50.00	1 9.09 50.00	0 0.00 .	6 54.55
Total	2 18.18	1 9.09	2 18.18	2 18.18	2 18.18	2 18.18	0 0.00	11 100.00

Frequency
Percent
Col Pct

Developing new procedures and working methods

L96	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Not at all	1 9.09 50.00	1 9.09 100.00	2 18.18 100.00	1 9.09 50.00	1 9.09 50.00	1 9.09 50.00	0 0.00 .	7 63.64
Some	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	1 9.09 50.00	1 9.09 50.00	0 0.00 .	4 36.36
Total	2 18.18	1 9.09	2 18.18	2 18.18	2 18.18	2 18.18	0 0.00	11 100.00

Frequency
Percent
Col Pct

Forming strategies

L97	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Not at all	2 20.00 100.00	1 10.00 100.00	2 20.00 100.00	1 10.00 50.00	1 10.00 50.00	1 10.00 100.00	0 0.00 .	8 80.00
Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	1 10.00 50.00	0 0.00 0.00	0 0.00 .	2 20.00
Total	2 20.00	1 10.00	2 20.00	2 20.00	2 20.00	1 10.00	0 0.00	10 100.00

Frequency
Percent
Col Pct

Planning and organising

L98	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	

Major	1 10.00 50.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	2 20.00 100.00	0 0.00 0.00	0 0.00 .	4 40.00
Not at all	0 0.00 0.00	0 0.00 0.00	2 20.00 100.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	2 20.00
Some	1 10.00 50.00	1 10.00 100.00	0 0.00 0.00	1 10.00 50.00	0 0.00 0.00	1 10.00 100.00	0 0.00 .	4 40.00
Total	2 20.00	1 10.00	2 20.00	2 20.00	2 20.00	1 10.00	0 0.00	10 100.00

Frequency
Percent
Col Pct

Following instructions and procedures

L99	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	2 20.00 100.00	1 10.00 100.00	1 10.00 50.00	1 10.00 50.00	0 0.00 0.00	1 10.00 100.00	0 0.00 .	6 60.00
Some	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	1 10.00 50.00	2 20.00 100.00	0 0.00 0.00	0 0.00 .	4 40.00
Total	2 20.00	1 10.00	2 20.00	2 20.00	2 20.00	1 10.00	0 0.00	10 100.00

Frequency
Percent
Col Pct

Dealing with contingencies

L100	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Major	1 9.09 50.00	1 9.09 100.00	0 0.00 0.00	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	3 27.27
Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	0 0.00 .	1 9.09
Some	1 9.09 50.00	0 0.00 0.00	2 18.18 100.00	1 9.09 50.00	2 18.18 100.00	1 9.09 50.00	0 0.00 .	7 63.64
Total	2 18.18	1 9.09	2 18.18	2 18.18	2 18.18	2 18.18	0 0.00	11 100.00

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Coping with stressful situations

Frequency / Percent / Col Pct	L101	UK	belgium	espagna	france	germany	netherl	poland	Total
	Not at all	1 10.00 50.00	0 0.00 0.00	2 20.00 100.00	0 0.00 0.00	0 0.00 0.00	1 10.00 50.00	0 0.00 .	4 40.00
	Some	1 10.00 50.00	1 10.00 100.00	0 0.00 0.00	1 10.00 100.00	2 20.00 100.00	1 10.00 50.00	0 0.00 .	6 60.00
	Total	2 20.00	1 10.00	2 20.00	1 10.00	2 20.00	2 20.00	0 0.00	10 100.00

Commercial thinking

Frequency / Percent / Col Pct	L102	UK	belgium	espagna	france	germany	netherl	poland	Total
	Major	1 9.09 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 9.09
	Not at all	1 9.09 50.00	1 9.09 100.00	2 18.18 100.00	1 9.09 50.00	0 0.00 0.00	2 18.18 100.00	0 0.00 .	7 63.64
	Some	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 9.09 50.00	2 18.18 100.00	0 0.00 0.00	0 0.00 .	3 27.27
	Total	2 18.18	1 9.09	2 18.18	2 18.18	2 18.18	2 18.18	0 0.00	11 100.00

Do you expect the size of this occupation (how many people are working in the occupation) to decline, increase or remain stable in the next 5 years?

Table of L111 by COUNTRY

Frequency / Percent / Col Pct	L111	UK	belgium	espagna	france	germany	netherl	poland	Total
	Decline	1 12.50 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 .	1 12.50
	Increase	0 0.00 0.00	1 12.50 100.00	1 12.50 50.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 .	2 25.00

Stable	1 12.50 50.00	0 0.00 0.00	1 12.50 50.00	1 12.50 100.00	2 25.00 100.00	0 0.00 .	0 0.00 .	5 62.50
Total	2 25.00	1 12.50	2 25.00	1 12.50	2 25.00	0 0.00	0 0.00	8 100.00

In general all tasks were performed daily in most countries. Competent performance of all tasks was important in all countries. Here is a short summary of the tasks characteristics in all countries (UK, BE, ES, FR, DE, NL, PL):

1. Study work orders to determine requirements. – daily in all countries, competent performance is important in all countries
2. Determine product specifications, materials, work methods and machine setup. - daily in all countries, competent performance is important in all countries
3. Adjust machine tables or cutting devices and set controls on machines to produce specified cuts or operations - daily in all countries, competent performance is important in all countries
4. Start machines - daily in all countries, competent performance is important in all countries.
5. Feed stock, e.g. through feed mechanisms or conveyors - daily in all countries, competent performance is important in all countries.
6. Monitor operation of machines and make adjustments - daily in all countries, competent performance is important in all countries.
7. Detect rot, splits and other defects in wood and finished products - daily in all countries, competent performance is important in all countries.
8. Check quality, packaging and stacking of products - daily in all countries (one answer in UK – weekly), competent performance is important in all countries.
9. Adjust, clean, repair and replace machine parts - daily in most countries (NL – weekly), competent performance is important in all countries.
10. Record production details and report machine or production faults - daily in all countries (in NL and one answer in UK – weekly), competent performance is some important in most countries.

Additional formal or legal requirements for this occupation exist in UK.

Countries differ (between and within) as far as reported required competences are concerned. A lot of competences in many countries are not important. Below importance of the competences for each country are presented (UK, BE, ES, FR, DE, NL, PL):

Initiating action – important or some important in most countries (BE, and one answer in NL - not at all)
Instructing co-workers – some important inmost countries (BE, and one answer in NL - not at all)
Supervising – diverse, in most countries not important (UK – one answer important, ES – some)

Co-operating with colleagues – in most countries important or some important (ES, NL –one expert not at all)
Communicating – in most countries important or some important (NL, ES –one expert not at all)
Relating and networking – in most countries not important (UK – one answer major)
Negotiating – in most countries not important
Reporting – diverse, in general some important, one answer not at all in ES, NL
Applying know-how, professional expertise – important in all countries
Problem solving – most countries important or some important (NL – one answer not at all)
Developing new procedures and working methods – in most countries – not at all (UK, FR, DE, NL – diverse)
Forming strategies – not important in most countries
Planning and organising – in most countries important (ES – not at all)
Following instructions and procedures – important or some important in all countries
Dealing with contingencies – important or some important in all countries (NL – one answer not at all)
Coping with stressful situations – diverse: not important or some important
Commercial thinking – not important in most countries (FR, DE – diverse)

According to experts from UK the size of the occupation decline or remain stable, in BE and ES – increase, FR, DE – remain stable.

4. Revisions of the EurOccupations task descriptions

In general proposed list of the task is appropriate, and experts indicated, that most tasks were performed daily. Some modifications might be done as far as specification of the country is concerned. Below some not appropriate tasks are listed:

1. **Aircraft mechanic or service technician**

Determine the feasibility and method of repairing or replacing faulty or damaged components, e.g. by interpreting maintenance manuals or other specifications - not applicable in NL and PL

Measure parts for wear using precision instruments – not applicable in PL

2. **Assembling helper**

Assist assemblers in the manufacturing process – not applicable in UK

Maintain the cleanliness of machinery and the working area. – not applicable in BE

3. **Beverage production process operator**

One UK expert indicated that following tasks are not applicable:

Store and organise supplies

Prepare basic ingredients for processing

Sterilise packaging material, such as bottles and containers

4. **Boring machine operator –** all indicated tasks are performed

5. **CNC operator**

Determine specifications (material, machine operation, etc.), tool and equipment requirements and procedure sequences from blueprints, instructions and machine knowledge. – according to 1 expert in FR and DE is not applicable

Select tools and materials necessary for the job. – according to 1 expert in DE is not applicable

Control machines during operation, e.g. by listening and observing, in order to detect problems or irregularities – according to 1 expert in DE is not applicable

Maintain machines and remove and replace broken or worn machine parts using hand tools – according to 1 expert in DE is not applicable

6. **Confectionery maker**

Order ingredients from wholesalers – not applicable in DE

Check batch consistency, e.g. using a stainless steel spatula or measuring equipment such as a refractometer – not applicable in NL

Load and unload mixture into and from ovens using tins and trays – according to 1 expert in DE is not applicable
Glaze or decorate with icing or cream - according to 1 expert in DE is not applicable

7. First line supervisor assembly line workers

Evaluate current production estimates and outputs – not applicable in PL
Conduct or arrange training in job-related skills for workers – according to 1 expert in PL is not applicable

8. First line supervisor manufacturing workers

Confer with other supervisors to coordinate operations and activities within or between departments – not applicable in PL
Participate in the work activities of manufacturing workers - not applicable in PL
Conduct or arrange training in job-related skills for workers - not applicable in PL

9. Lathe or turning machine tool setter-operator

Determine and select materials according to job requirements - according to 1 expert in PL is not applicable

10. **Machine tool operator**

Study blueprints, layouts or other instructions to prepare the work – not applicable in DE and NL
Check product size and shape using measuring instruments – not applicable in DE
Change worn machine accessories – not applicable in NL
Inspect completed work (e.g. for defects and accuracy), e.g. using rules, templates or other measuring instruments - according to 1 expert in DE is not applicable

11. **Meat processing machine operator**

Slaughter animals – not applicable in UK, DE
Prepare carcasses for cutting, e.g. by cleaning and removing parts (organs, skin, feathers, bones, etc.) – not applicable in DE
Cut carcasses for further processing – not applicable in DE
Separate meat and by-products. – not applicable in DE
Inspect meat products for defects, bruises or blemishes and remove them along with any excess fat. – not applicable in DE

12. **Metal molder or metal molding machine setter-operator**

Plan and set up the sequence of operations according to blueprints, layouts or other instructions – not applicable in DE

Operate heating equipment, e.g. to melt material or to cure, dry or bake filled moulds. – not applicable in PL

13. Metal production process operator

Operate machines, e.g. set controls to regulate vacuum, air pressure, sizing rings and temperature - according to 1 expert in DE is not applicable
Monitor machine operation, e.g. to detect defects or machine malfunctions - according to 1 expert in DE is not applicable
Adjust machines as necessary (e.g. speed or feed), for example in case of defects, malfunctioning, or to alter products – not applicable in DE
Reel extruded products into rolls of specified lengths and weights - according to 1 expert in PL is not applicable

14. Pipe fitter - all indicated tasks are performed

15. **Plant maintenance mechanic -** all indicated tasks are performed

16. **Power production plant operator**
Control processes and equipment for managing by-products - according to 1 expert in DE is not applicable
Control and maintain auxiliary equipment, such as pumps, fans, compressors, condensers, feed water heaters, filters and chlorinators, to supply water, fuel, lubricants, air and auxiliary power - according to 1 expert in NL is not applicable

17. **Quality assurance inspector**
Analyse and interpret relevant information (such as blueprints, manuals, etc.) to determine specifications – not applicable in DE
Train and assist operators to carry out their quality control functions - according to 1 expert in DE is not applicable
Participate in organising the production process (e.g. propose changes that may improve the process, participate in quality system design). - according to 1 expert in DE is not applicable

18. **Sewer, seamstress**
Prepare for sewing, e.g. by folding, twisting, stretching or draping material, and securing articles - according to 2 experts in PL is not applicable
Draw and cut patterns according to specifications – according to 2 experts in PL, 1 expert in UK and FR is not applicable

Measure and align the sewing work (e.g. parts, fasteners, trimmers) following seams, edges or markings on parts - according to 1 expert in PL is not applicable
Sew materials (e.g. to reinforce existing sewing, assemble pieces or a whole product) using different sewing techniques such as felling, tacking, embroidery, etc. - according to 1 expert in PL is not applicable
Smooth seams, e.g. using heated irons, flat bones or rubbing sticks - according to 1 expert in PL and NL is not applicable
Trim excess threads or edges of parts, e.g. using scissors or knives - according to 1 expert in PL is not applicable
Sew buttonholes and attach buttons, zippers, pockets, collars, trimmings, etc. - according to 1 expert in PL is not applicable
Examine sections of finished articles for defects - according to 1 expert in PL is not applicable
Carry out basic maintenance of sewing tools and machines - according to 1 expert in PL is not applicable

19. **Sheet-metal worker**
Select materials, tools and equipment (e.g. gauges, types of sheet metal or non-metallic material) according to product specifications - according to 1 expert in FR is not applicable
Install assemblies, such as flashing, pipes, tubes, heating and air conditioning ducts, furnace casings, rain gutters and down spouts. - according to 1 expert in FR and NL is not applicable
. Fabricate or alter parts of vehicles, planes, building structures etc., e.g. using shears, hammers, punches and drills - according to 1 expert in FR is not applicable

20. **Welder**
Clean and prepare the surfaces for welding - according to 1 expert in PL is not applicable
Lay out and secure parts and assemblies prior to assembly, using tools such as straightedges, combination squares, calipers and rulers - according to 1 expert in PL is not applicable
Finish products by cleaning, polishing, filling, bathing in acid solutions, etc - according to 1 expert in PL is not applicable
Keep records, e.g. of the welding work, and report on the maintenance of equipment - according to 1 expert in PL is not applicable

21. **Wood processing plant operator -** all indicated tasks are performed

5. Required national educational levels

The table below provides the ISCED-requirements for each of the occupations under analysis in the various countries, the table has been prepared by our colleagues, Joyce Jacobs and kea Tijdens

The ISCED-values are:

Level 0 - Pre-primary education

Level 1 - Primary education or first stage of basic education

Level 2 - Lower secondary or second stage of basic education

Level 3 - (Upper) secondary education

Level 4 - Post-secondary non-tertiary education

Level 5 - First stage of tertiary education

Level 6 - Second stage of tertiary education

occupation	ISCED	country BE	DE	ES	FR	NL	PL	UK	Total
Aircraft mechanic or service technician	3		2			3		2	7
Aircraft mechanic or service technician Total			2			3		2	7

occupation	ISCED	country BE	DE	ES	FR	NL	PL	UK	Total
Assembling helper	1					2		1	3
Assembling helper Total						2		1	3

occupation	ISCED	country BE	DE	ES	FR	NL	PL	UK	Total
Beverage production process operator	1					1		3	4
	2				1				1
	3		3					1	4
Beverage production process operator Total			3		1	1		4	9

occupation	ISCED	country BE	DE	ES	FR	NL	PL	UK	Total
Boring machine operator	1							1	1
	3		2						2
Boring machine operator Total			2					1	3

		country

occupation	ISCED	BE	DE	ES	FR	NL	PL	UK	Total
CNC operator	1							1	1
	2					3			3
	3	2	2		2	3			9
CNC operator Total		2	2		2	6		1	13

		country							
occupation	ISCED	BE	DE	ES	FR	NL	PL	UK	Total
Confectionery maker	1							2	2
	2						1		1
	3		2		1	1			4
Confectionery maker Total			2		1	1	1	2	7

		country							
occupation	ISCED	BE	DE	ES	FR	NL	PL	UK	Total
First line supervisor manufacturing workers	1							1	1
	3				1	1		1	3
First line supervisor manufacturing workers Total					1	1		2	4

		country							
occupation	ISCED	BE	DE	ES	FR	NL	PL	UK	Total
Lathe or turning machine tool setter-operator	2					1			1
	3		2					1	3
Lathe or turning machine tool setter-operator Total			2			1		1	4

		country							
occupation	ISCED	BE	DE	ES	FR	NL	PL	UK	Total
Machine tool operator	1							1	1
	3	1	2			1			4
Machine tool operator Total		1	2			1		1	5

		country							
occupation	ISCED	BE	DE	ES	FR	NL	PL	UK	Total
Meat processing machine operator	1							2	2
	2					1			1
	3		2		1				3
Meat processing machine operator Total			2		1	1		2	6

occupation	ISCED	country							Total
		BE	DE	ES	FR	NL	PL	UK	
Metal molder or metal molding machine setter-operator	1							1	1
	2					1			1
	3		2						2
Metal molder or metal molding machine setter-operator Total			2			1		1	4

occupation	ISCED	country							Total
		BE	DE	ES	FR	NL	PL	UK	
Metal production process operator	1							1	1
	2					1			1
	3	1	1						2
Metal production process operator Total		1	1			1		1	4

occupation	ISCED	country							Total
		BE	DE	ES	FR	NL	PL	UK	
Pipe fitter	1							1	1
	2					1			1
	3		3			1			4
Pipe fitter Total			3			2		1	6

occupation	ISCED	country							Total
		BE	DE	ES	FR	NL	PL	UK	
Plant maintenance mechanic	2					1			1
	3		1			1		1	3
	5				1				1
Plant maintenance mechanic Total			1		1	2		1	5

occupation	ISCED	country							Total
		BE	DE	ES	FR	NL	PL	UK	
Power production plant operator	1							1	1
	3		2			1		1	4
Power production plant operator Total			2			1		2	5

occupation	ISCED	country							Total
		BE	DE	ES	FR	NL	PL	UK	

Quality assurance inspector	1						1	1
	3		2	1		1	1	6
	5	1				1		2
Quality assurance inspector Total		1	2	1		2	1	2	9

		country							
occupation	ISCED	BE	DE	ES	FR	NL	PL	UK	Total
Sewer, seamstress	1							1	1
	2					3			3
	3	1	2				1		4
Sewer, seamstress Total		1	2			3	1	1	8

		country							
occupation	ISCED	BE	DE	ES	FR	NL	PL	UK	Total
Sheet-metal worker	2					1			1
	3		2			1		1	4
Sheet-metal worker Total			2			2		1	5

		country							
occupation	ISCED	BE	DE	ES	FR	NL	PL	UK	Total
Welder	1			1					1
	2					2			2
	3	1	2			1		1	5
Welder Total		1	2	1		3		1	8

		country							
occupation	ISCED	BE	DE	ES	FR	NL	PL	UK	Total
Wood processing plant operator	1							1	1
	2					1			1
	3		2		1	1		1	5
Wood processing plant operator Total			2		1	2		2	7
Manufacturing: food, metal, oil, gas & mining Total		7	36	2	8	36	3	30	122

6. Problematic occupations

Aircraft mechanic or service technician

Germany: The occupational title 'Flugzeugmechaniker' is outdated. The correct occupational title is: 'Fluggerätemechaniker'. This occupation exists in three specialisations: production technology, maintenance, aircraft engine technology. The task lists seems to focus on the second specialisation: maintenance. Therefore the EurOccupations database should included the occupation as 'Fluggerätemechaniker (Instandhaltung)'. UK: There is a conflict in the occupational title: mechanic is a skilled craft occupation in the UK, whereas technician is an associate professional occupation (on a higher level). The tasks, except 4, refer to 'Aircraft mechanic'. The questionnaire has been completed for 'Aircraft mechanic'. --- Note that you are only describing the 'mechanical' component of tasks here. About 20 percent of the maintenance and overhaul is 'avionics' not mentioned in the task list above. The inspections, tests and replacements of these - digital - instruments (Autopilot, Radar, Radio, Compass) is conducted by avionic technicians. --- Technicians may supervise non-licensed subordinates (aircraft fitters, trainees...).

Change the German occupational title to 'Fluggerätemechaniker (Instandhaltung)'.
UK: There is a conflict in the occupational title: mechanic is a skilled craft occupation in the UK, whereas technician is an associate professional occupation (on a higher level). Change the UK title to 'Aircraft engineer'.

Assembling helper

Change the UK occupational title to 'Assembler'.

Boring machine operator

PL: the tasks are too general

CNC operator

Germany: A better summary of the occupation would be: Draw up programmes for computer-controlled production equipment. They operate the equipment and are involved in the process layout planning. // Also the tasks list is imprecise and outdated. The description is not adequate and applies more to machine operators than to CNC professionals. NL: There is also a cnc operator in the wood and furniture industry. This experts fills in the survey with this occupation in mind, UK: This occupation is a general case of the key occupation 'Lathe or turning machine tool setter-operator'.

Confectionery maker

DIFFERENCE BETWEEN CRAFT AND MANUFACTURING OCCUPATION. In the UK, Confectionery Maker could be a craft occupation where products are made mostly by hand on a small scale; or a manufacturing occupation where larger quantities are produced industrially. Task 2 may be done elsewhere in a factory, otherwise the task list applies to both occupations.
Germany: The occupational title in the EurOccupations database 'Fachkraft für Süßwarentechnik; Bäcker/innen, Konditoren/Konditorinnen, Süsswarenhersteller/innen' is very confusing.
Please reduce the occupational to 'Fachkraft für Süßwarentechnik'. // It is not clear which occupation is really meant here. 'Fachkraft für Süßwarentechnik' work in industrial production. In the third year of apprenticeship they specialise on one of the following areas: long-life bakery products, confectionary, chocolate. // The other two (different) occupations also mentioned in the occupational title are occupations in crafts trade.// The tasks list fits to the 'Fachkraft für Süßwarentechnik' although it is very imprecise and could be improved fundamentally.

Separation of Confectionery maker (craft) and Confectionery maker (manufacturing).
Change the German title to 'Fachkraft für Süßwarentechnik'

First line supervisor assembly line workers

Change the UK occupational title to 'Assembly team leader'.

Lathe or turning machine tool setter-operator

Germany: Drehmaschineneinrichter is not an occupation! This a an outdated and uncommon term used in the former German Democratic Republic. The correct occupational title is CNC-Dreher/in.
The tasks list is outdated. Questionable are in particular banal tasks such as tasks 4: Start the turning machine tool.
A detailed, precise and up-to-date description of the occupation can be found in the database: BERUFENET.

Change the German occupational title to 'CNC-Dreher/in'.
Change the UK occupational title to 'Lathe setter-operator'.

Machine tool operator

Germany: The summary does not score the core of the occupation. It simply lists tools for work.
Better:
... produce pressure casting, injection die moulding, stamping tools, forming tools, press moulds, forming dies and produce metal or plastic parts as well as surgical instruments. Tasks list is outdated. Task 1 is totally outdated. Blueprints were used in fifties. The tasks could also be more precise. // In Germany, the occupation had been newly regulated in 2007. Detailed descriptions are included in the BERUFENET and BIBB databases. UK: This is a more routine-level occupation than 'Lathe setter-operator' or 'CNC operator'. Therefore Task 2 could perhaps be: 'Set the machine controls'.

Meat processing machine operator

UK: Task 1. Slaughter animals - needs to be removed as this task is the responsibility of a Slaughterman/Abattoir Operative job role. Germany: The tasks list applies more to the occupation 'Fleischer/in' (=butcher) than to 'Fleisch- und Wurstwarenhersteller/in'. 'Fleisch- und Wurstwarenhersteller/in' is a specialisation of the occupation 'butcher'. Slaugherting is not a tasks in this occupation. This occupation only includes the manufacturing of meat and sausage products. // Either a different occupational title such as Fleischer/in (=butcher) should be chosen or the actual tasks of the occupation Fleisch- und Wurstwarenherstellers should be worked out.

Change the German title to 'Fleischer/in'
Change the UK occupational title to 'Meat processing operator'.

Metal molder or metal molding machine setter-operator

Germany: The correct occupational title is: 'Metall- und Glockengießers – Metallgusstechnik'. Please delete all the other terms in the occupational title. // In the summary, please delete the word: Giessereimechaniker.// The tasks list seems not to be based on an up-to-date description of the occupation. It is inappropriate and entirely outdated.
Change the German occupational title to 'Metall- und Glockengießers – Metallgusstechnik'
Change the UK occupational title to 'Metal moulder'.

Metal production process operator

Germany: The tasks list does not match the state of production and process technology. The production process is automated and controlled at control panels. //
Task 1 is totally outdated and inadequate. (Blueprints?? Layouts??) Better: Plan and prepare production procedure according to specifications by upstream and downstream units.; Task 4 does not apply – automated processes. ; Tasks 5 and 6 can be deleted. // Detailed and precise descriptions of this in 2004 newly regulated occupation can be found at BIBB and Berufenet.

Pipe fitter

Germmany: The occupational title 'Anlagenmechaniker – Versorgungstechnik' does no longer exist. The correct title (introduced with the new occupational order in 2004) is: 'Anlagenmechaniker - Sanitär-. Heizungs- und Klimatechnik.' /// The tasks list is insufficient and outdated and does in no way describe the occupation. You will find adequate and up-to-date descriptions of the occupation in the relevant databases (BIBB – Berufenet). UK: Pipe fitting can get slightly ambiguous. In the UK there are two main types of pipe fitter: Pipe fitters employed in the heating and ventilating industry, and engineering pipe fitters. Although a majority of skills are transferable, the occupations are distinctly different and cover different sectors within the UK. The 1-9 task list above crosses over both types of pipe fitter.

Change the German occupational title to Anlagenmechaniker - Sanitär-. Heizungs- und Klimatechnik.' In the UK separate two main types of pipe fitter: pipe fitters employed in the heating and ventilating industry, and engineering pipe fitters. Although a majority of skills are transferable, the occupations are distinctly different and cover different sectors within the UK.

Power production plant operator

NL: The task descriptions mentioned are relevant for the operator in a conventional power station. When looking at the task description for operators in a nuclear power station, we see additional tasks. Task 6: done by the mechanical engineer working in the fields when looking at an operator in a nuclear power station; Task 7: done by the maintenance department. UK: The task list seems limited to technical matters. I would have expected references to Health and Safety, and collaborative working

Change the UK occupational title to 'Power plant operator'.

Quality assurance inspector

Germany: The occupation is captured insufficiently with the task list. // The description focuses exclusively on the production and ignores the quality control of purchased goods and products.

Sewer, seamstress

Germany: The occupational title 'Näher/in' is incorrect. The tasks list matches the occupation 'Modenäher/in' (~ apparel sewer) although the tasks list is insufficient. // In Germany, the term 'Näher/in' is only used for jobs performed by persons without a school degree and without any occupational education.

Change the German occupation title to 'Modenäher/in'
Change the UK occupational title to 'Sewing machinist'.

Sheet-metal worker

Germany: The occupation Blechschlosser/in does no longer exist. It had already been repealed by the order on occupational education in the industrial metal occupations of 15.01.1987. It was replaced with the succeeding occupation 'Konstruktionsmechaniker/in' with various specialisations. The occupation was newly regulated in 2007. (For details see BIBB and Berufenet). /// The tasks in the tasks list are more or less aspects of the tasks. However, the tasks list does not reflect the current state of the occupation. This must completely be revised and up-dated.

UK: A small correction to the occupational title: 'sheet metal' instead of 'sheet-metal'

Welder

NL: There is a great differences between welding metal materials and welding synthetic materials, UK: Task 4: only metal, no plastic
Separate the Welder of metal materials and Welder of synthetic materials

Wood processing plant operator Total

UK: The ten main tasks you give broadly reflect occupational range but combine tasks that are separated in the National Occupational Standards. For example, setting and adjusting cutting devices is part of a technician function and outside most operative functions. The same is true of setting controls to produce specified operations. We also distinguish between confirming work orders and specifications (operative function) and determining them (technician or senior engineer function). Your use of the word 'operator' refers, in the UK context, to a person with specific, limited responsibility for setting machines and broad responsibility for initiating and monitoring performance. The added tasks are embedded in the NOS as critical elements of machine operation. --- The task list confuses different levels and ranges of competence, perhaps because it tries to capture what is involved in machine operations rather than what individuals actually do to make those operations occur. The confusion may, instead, relate to a desire to construct a theoretical framework in which any individual's involvement in machine operations could be shown; that is, it might deliberately set out to cover all tasks rather than those simply of a machine operator. Automated machinery, production lines and plant operations all require different levels and combinations of competence, even if the main tasks are similar. --- Consequences to the task list: Task 1: An operator refers to work orders and such to confirm requirements. Task 2: An operator confirms these features within the limits of his/her personal responsibility. Task 3: An operator may be able to set basic controls or make simple adjustments but would normally refer or defer to a technician for this level of competence. Task 4: S/he would carry out basic checks first, so starting a machine is part of a sequence of initiation of production operations. Task 5: Tailing out or lifting off also occurs in most instances where a machine in not part of a production line. Task 6: Again, only simple adjustments would normally occur. Task 7: There is an important distinction between seeing, identifying and diagnosing defects in materials and products. An operator would normally inspect material for defects before it is put onto a machine and would know the range of permissible defects for the particular machine process or finished product. S/he would not necessarily know the cause of pre-production or production defects – so, 'detection' is misleading. Task 8: As part of the above, this is largely about visual assessment of quality, integrity and safety – which is how we would express the competences in NOS terms. Task 9: An operator would perform standard maintenance involving cleaning but is very unlikely to become involved in repair and replacement operations unless s/he is a wood production technician or wood machinist rather than a machine operator. Task 10: Agreed, but reporting to an appropriate person in an appropriate way, using company procedures.

7. Proposed revisions for the EurOccupations extended list of occupations

Below proposed additional task are listed:

1. Aircraft mechanic or service technician

Additional tasks in DE:
Service aircrafts in regard to a number of components: fuselage, wing units, steering gear and control unit, undercarriage, hydraulic system, air-conditioning system, de-icing system, fuel system, reciprocating engine, powerplant
Document work steps with modern information and communiction systems.

Additional tasks in UK:
Make adjustments to engines

2. Assembling helper

Additional tasks in UK:
Follow assembly instructions
Operate assembly line equipment
Finish products, e.g. by applying coatings
Reject faulty assembly components
Keep administrative records

3. Beverage production process operator

Additional tasks in DE:
Test raw material for quality and usability.
Conduct control analyses.

Additional tasks NL:
carry out primary maintainance tasks

Additional tasks in UK:
Set up machinery, and operate all safety procedures
Weigh ingredients
Take samples
Remove waste

Load finished products for distribution

4. **Boring machine operator**

Additional tasks in PL:
Fill in the pipes with concrete
Drill the hole

Additional tasks in UK:
Clean, maintain and repair the equipment

5. **CNC operator**

Additional tasks DE:
Draw up and test CNC programmes and administer them.
Set CNC controlled machine tools for the production process, detect and analyse defect and contribute to the operations scheduling.
Contribute to new work procedures.
Train and instrruct machine operators.

Additional tasks NL:
makes sure that the machinery and working environment is clean, orderly and neat

Additional tasks in UK:
Set the cutting speeds and tolerance levels
Check that work meets quality and technical standards
Instruct operators on the safe and correct method of operation of the machine

6. **Confectionery maker**

Additional tasks in DE:
Operate machines and equipment.
Operate packaging technology.

7. **First line supervisor assembly line workers**

8. **First line supervisor manufacturing workers**

Additional tasks NL:
conduct selection, performance and assessment interviews

Additional tasks in UK:
Do on-the-job coaching and assessment
Lead team in problem solving and improvement activities
Report about the performance or plant/machinery breakdowns
Organise external contracts, e.g. cleaning or supplies
Perform HR tasks, e.g. participate in the selection of new employees, manage absences

9. Lathe or turning machine tool setter-operator

Additional tasks DE:
Manufacture turning work pieces with computer-controlled lathe machines.
Set machines and systems, conduct test runs, perform maintance work of the machines.
Determine the work procedure based on technical drawings and other documents, call up machine programmes, test or adapted them.
Draw up simple programmes for CNC controlled machine toools.
Take measurements, adapt if required, perform qualifity control measures.

Additional tasks in UK:
Select and fix work-holding devices and appropriate forming tools
Set the cutting speeds and tolerance levels on the machine
Instruct operators on the safe and correct method of operation of the machine

10. **Machine tool operator**

Additional tasks in DE:
Manufacture parts for example by manual and mechanical lathing, drilling, milling, planning, sawing, filing, grinding or eroding accurate to measurement and finish them.
Set machine tools, operate them, draw up and improve machine programmes.
Perform quality control measures.
Use technical documents and use information and communication systems also in English language; plan and control work processes, work in the team; control, assess and document work results and apply measures of quality control; programme and control CNC machines.
Manufacture with tools and machines parts from different basic materials; conduct maintenance work; control and optimise functions and processes in regard to quantity and quality.

Additional tasks in PL:
Keep order at the working area

Additional tasks in UK:
Secure workpiece in the machine.
Reposition workpiece during machining as required.

11. **Meat processing machine operator**

Additional tasks in DE:
Prepare fresh meat for subsequent processing respectively for sale and produce meat products and sausages.
Select meat and assess it.
Cut and chop ingredients, wrap roulades, pin up meat skewers; produce sausages and pies according to specified recipes.

12. **Metal molder or metal molding machine setter-operator**

Additional tasks in DE:
Produce models for cast iron products and manufactures casting moulds.
Trim workpieces and after-treat them, assemble and control the quality of cast iron items.

Additional tasks in NL:
Folding plates with an angle folder
Changing matrices from an angle folder

Additional PL:
Prepare the liquid metal to fill the moulds

Additional tasks in UK:
Scoop molten metal from furnace and pour it into mould or moulding machine

13. Metal production process operator

Additional tasks in DE:
Control and monitor processes at the computer.
Control the production process and the machinen functions at test stand.
Control and monitor the flow of materials.
Conduct quality control measures.

Additional tasks NL:
Makes sure the safety regulations are met during the performance of the tasks

Additional tasks in UK:
Heat metal or metal articles in furnace.
Withdraw samples of molten metal for analysis.

14. Pipe fitter

Additional tasks in DE:
Start up supply engineering systems, open them to the customers and instruct customers in the operation.
Plan operational procedure and prepare them.
Install complete bath rooms, heating-, and ventilation systems.
Press pipe connections.
Perform maintenance work on heating systems and sanitary facilities.

Additional tasks in PL:
Set up hydraulic installation
Set up air condition installation
Set up the bath and wash equipment (eg. wash-basin, bath)
Set up gas installation

Additional tasks in UK:
Install and test system components where the pipe systems connect to
Examine drawings and specifications to determine layout of piping

15. **Plant maintenance mechanic**

Additional tasks in UK:
Carry out scheduled overhaul and replacement of parts

16. **Power production plant operator**

Additional tasks in DE:
Monitor power plant systems at control panels.
Serve and monitor by-systems.
Perform maintenance and repair work.

Additional tasks in NL:
Conducts the emergency procedures when necessary

Conducts the function repair/restore procedures when necessary
Conducts tests/trials
Supervises the mechanical engineer working in the fields

Additional tasks in UK:
Determine job requirements from operating instructions
Handle the materials that plant uses for creating electricity
Carry our prescribed tests to diagnose faults, report and repair faults

17. **Quality assurance inspector**

The additional tasks in DE:
Control for industry and service companies the quality of purchased and incoming materials, current manufacturing processes and finish end products in regard to compulsory guidelines values.
Determine – in agreement with the management board and relevant departments – quality specifications and standards und enforce them.
Compile suggestions for improvement and modification and advance the applied test techniques.

Additional tasks in NL:
coordinate internal audits

Additional tasks in UK:
Raise concession requests for review by customer, design or production departments
Witness testing operations against specification requirements
Raise non-conformance reports
Set up test equipment

18. **Sewer, seamstress**

Additional tasks in DE:
Carry out sewing work.
Tend and maintain devices, machines and additional equipment.
Conduct quality control
Work on accompanying documents form the production.
Prepare textile products for storage and dispatch and pack them.

Additional tasks in PL:
Sew additional elements/applications

Additional taskskin UK:
Do lockstitching, overlocking, cup seaming and bar tacking.
Adjust machine settings for different jobs
Repair or make alterations to textile products
Report any mechanical faults in machines

19. **Sheet-metal worker**

20. **Welder**

Additional tasks in NL:
Being aware of and working according to the personal protective equipment working condition
Has knowlegde of and insight into the required welding procedure
Carries out a visual inspection after the welding
Adjust the welding parameters before welding

Additional tasks in PL:
Organize own work area

Additional tasks in UK:
Connect equipment wires and hoses and adjust controls.
Carry out repairs on equipment and machinery.

Additional tasks in ES:
Execute the welding operations according to specifications of the processes (WPS) and rules in order to prevent work risks and preserve the environment

21. **Wood processing plant operator**

Additional tasks in DE:
Prepare operational procedure, set workplaces and secure them.
Produce wood, semi-finished and finished product and conduct wool preservation measures.
Dry and damp wood, transport, store and tend semi-finished and finished products and prepare the dispatch of wood products.

Additional tasks NL:
Selects and transports wood and sheetmaterial
Evaluates the assembly of the cuttingtools and replaces them when necessary
Makes sure the work environment is clean up

Additional tasks in UK:
Carry out risk assessment appropriate to responsibility and context.
Respond to hazards and incidents using company procedures
Report faults, defects or obstacles to production efficiency to appropriate person
Maintain the work area for personal safety and productivity and for co-workers' welfare
Remove completed work from machine and clear machine of waste material

8. Conclusions and discussion

This report shows the results of 21 occupations evaluation in the manufacturing (food, metal, oil, gas and mining) cluster with expert data that have been gathered by internet inquiry. Three areas of work were distinguished:

1. Food manufacturing
2. Industrial production, manufacture, metal & plastics
3. Oil, gas, mining, utilities

Report include the frequency tables for each occupation from section 1 of the inquiry. In annex a frequency tables of the responses from the second part of the expert inquiry are presented for three areas of work.

Analysis shows, that number of respondents for some occupations per country was not satisfied (there is e few occupations without even one expert per country). In most cases on average 2-3 experts per country in each occupation answer the inquiry.

The analysis of the data enable to formulate following general conclusion:

1. Reported cluster is very diverse – there are different occupations from food manufacturing, industrial production, metal and plastic production, oil, gas, mining. It was not clear enough which area (sector of production) should have been reached as far as some occupations are concerned (e.g. First line supervisor assembly line workers or First line supervisor manufacturing workers or Quality assurance inspector)
2. In general there was no much diversity between and within countries as far as frequency of the indicated tasks and competent performance of the tasks were concerned. Huge diversity between and within countries were observed in the field of required competences.
3. Some experts – mostly in Poland and Germany – indicated that some of the indicated tasks in different occupations are not performed.

4. Additional tasks were indicated in many occupations – mostly in UK, Germany, Poland and the Netherlands.
5. Problematic occupations appeared mainly in Germany – experts indicated following issues: not appropriate job title and not adequate, outdated task list.

Appendix A Additional analyses EurOccupations data 'manufacturing (food, metal, oil, gas & mining)'

area=Food manufacturing

Frequency / Percent / Col Pct	How many subordinates do people working in this occupation, in general, formally supervise (*EXCLUDING* the coaching of less experienced co-workers, students or trainees)?								
	L66bis	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	None	4 12.50 66.67	1 3.13 33.33	0 0.00 0.00	1 3.13 50.00	0 0.00 0.00	1 3.13 50.00	1 3.13 25.00	8 25.00
	1 – 10 employees	1 3.13 16.67	1 3.13 33.33	13 40.63 92.86	1 3.13 50.00	1 3.13 100.00	1 3.13 50.00	1 3.13 25.00	19 59.38
	11 – 100 employees	1 3.13 16.67	1 3.13 33.33	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 6.25 50.00	4 12.50
	> 100 employees	0 0.00 0.00	0 0.00 0.00	1 3.13 7.14	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 3.13
	Total	6 18.75	3 9.38	14 43.75	2 6.25	1 3.13	2 6.25	4 12.50	32 100.00

Frequency / Percent / Col Pct	How often does the work involve coaching or training of less experienced co-workers, students or trainees (*EXCLUDING* the subordinates that are formally supervised)?								
	L67bis	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Regularly	1	0	0	1	0	0	3	5

	2.86 16.67	0.00 0.00	0.00 0.00	2.86 50.00	0.00 0.00	0.00 0.00	8.57 60.00	14.29
Occasionally	4 11.43 66.67	3 8.57 100.00	14 40.00 100.00	1 2.86 50.00	1 2.86 100.00	1 2.86 25.00	2 5.71 40.00	26 74.29
Never	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	3 8.57 75.00	0 0.00 0.00	3 8.57
It varies	1 2.86 16.67	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 2.86
Total	6 17.14	3 8.57	14 40.00	2 5.71	1 2.86	4 11.43	5 14.29	35 100.00

Frequency Percent Col Pct	How much physical effort is generally required in this occupation?							
L68bis	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
Not at all	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 2.86 20.00	1 2.86
Some	4 11.43 66.67	1 2.86 33.33	10 28.57 71.43	2 5.71 100.00	1 2.86 100.00	3 8.57 75.00	3 8.57 60.00	24 68.57
Much	2 5.71 33.33	2 5.71 66.67	4 11.43 28.57	0 0.00 0.00	0 0.00 0.00	1 2.86 25.00	1 2.86 20.00	10 28.57
Total	6 17.14	3 8.57	14 40.00	2 5.71	1 2.86	4 11.43	5 14.29	35 100.00

Frequency / Percent / Col Pct	How much mental effort is generally required in this occupation?							
	L69bis	COUNTRY						Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Not at all	1 3.03 16.67	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 3.03
	Some	4 12.12 66.67	2 6.06 66.67	14 42.42 100.00	1 3.03 50.00	1 3.03 100.00	2 6.06 100.00	1 3.03 20.00	25 75.76
	Much	1 3.03 16.67	1 3.03 33.33	0 0.00 0.00	1 3.03 50.00	0 0.00 0.00	0 0.00 0.00	4 12.12 80.00	7 21.21
	Total	6 18.18	3 9.09	14 42.42	2 6.06	1 3.03	2 6.06	5 15.15	33 100.00

Frequency / Percent / Col Pct	Is organising part of the work in this occupation?							
	L70bis	COUNTRY						Total
		UK	belgium	espagna	france	germany	netherl	poland	
	Yes, it involves the organisation of equipment/material	3 8.82 50.00	1 2.94 33.33	4 11.76 28.57	0 0.00 0.00	1 2.94 100.00	0 0.00 0.00	4 11.76 80.00	13 38.24
	Yes, it involves the organisation of both personnel/staff and equipment/material	2 5.88 33.33	1 2.94 33.33	3 8.82 21.43	1 2.94 50.00	0 0.00 0.00	2 5.88 66.67	1 2.94 20.00	10 29.41
	NO	1 2.94 16.67	1 2.94 33.33	7 20.59 50.00	1 2.94 50.00	0 0.00 0.00	1 2.94 33.33	0 0.00 0.00	11 32.35

Total	6	3	14	2	1	3	5	34
	17.65	8.82	41.18	5.88	2.94	8.82	14.71	100.00

Frequency / Percent / Col Pct	. Which of these categories best describes the use of computers required in this occupation?							
L71bis	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Not at all	3	0	8	1	0	2	1	15
	9.09	0.00	24.24	3.03	0.00	6.06	3.03	45.45
	50.00	0.00	57.14	50.00	0.00	66.67	25.00	
Routine (e.g., word processing, spreadsheets and/or e-mail)	3	3	6	1	1	1	1	16
	9.09	9.09	18.18	3.03	3.03	3.03	3.03	48.48
	50.00	100.00	42.86	50.00	100.00	33.33	25.00	
Complex (e.g., for gathering/analysing information, design)	0	0	0	0	0	0	2	2
	0.00	0.00	0.00	0.00	0.00	0.00	6.06	6.06
	0.00	0.00	0.00	0.00	0.00	0.00	50.00	
Total	6	3	14	2	1	3	4	33
	18.18	9.09	42.42	6.06	3.03	9.09	12.12	100.00

Frequency / Percent / Col Pct	When can people start working in this occupation?							
L82bis	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Immediately after completing formal education	4	1	8	0	0	1	2	16
	14.29	3.57	28.57	0.00	0.00	3.57	7.14	57.14
	66.67	33.33	61.54	.	0.00	50.00	66.67	
Via in-company dual-learning trajectories after completing formal education	0	2	4	0	0	0	0	6
	0.00	7.14	14.29	0.00	0.00	0.00	0.00	21.43
	0.00	66.67	30.77	.	0.00	0.00	0.00	

Via apprenticeships	0 0.00 0.00	0 0.00 0.00	1 3.57 7.69	0 0.00 .	1 3.57 100.00	0 0.00 0.00	1 3.57 33.33	3 10.71
Other	2 7.14 33.33	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	1 3.57 50.00	0 0.00 0.00	3 10.71
Total	6 21.43	3 10.71	13 46.43	0 0.00	1 3.57	2 7.14	3 10.71	28 100.00

Frequency Percent Col Pct	**How long does it generally take, after completing the required formal education, to become competent in this occupation?**							
L84bis	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
Up to 1 week	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 3.57 100.00	0 0.00 0.00	0 0.00 0.00	1 3.57
1 week – 1 month	2 7.14 33.33	0 0.00 0.00	1 3.57 7.14	0 0.00 .	0 0.00 0.00	0 0.00 0.00	1 3.57 20.00	4 14.29
1 – 3 months	0 0.00 0.00	0 0.00 0.00	9 32.14 64.29	0 0.00 .	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	9 32.14
3 – 6 months	2 7.14 33.33	1 3.57 100.00	4 14.29 28.57	0 0.00 .	0 0.00 0.00	1 3.57 100.00	1 3.57 20.00	9 32.14
6 months – 1 year	1 3.57 16.67	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	0 0.00 0.00	2 7.14 40.00	3 10.71
1 – 5 years	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	1 3.57	1 3.57

	0.00	0.00	0.00	.	0.00	0.00	20.00	
≥ 5 years	1 3.57 16.67	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 3.57
Total	6 21.43	1 3.57	14 50.00	0 0.00	1 3.57	1 3.57	5 17.86	28 100.00

Frequency Percent Col Pct		**Which of the following descriptions characterises the level of knowledge of this occupation best?[6] Tick one box only.** *If you do not know the answer to this question, you can select the box 'I don't know'.*							
	L104bis	**COUNTRY**							**Total**
		UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
	basic general knowledge	2 13.33 33.33	0 0.00 .	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 .	2 13.33
	basic factual knowledge of a field of work	1 6.67 16.67	0 0.00 .	0 0.00 0.00	1 6.67 50.00	0 0.00 0.00	0 0.00 .	0 0.00 .	2 13.33
	knowledge of facts, principles, processes and general concepts, in a field of work	2 13.33 33.33	0 0.00 .	1 6.67 16.67	1 6.67 50.00	1 6.67 100.00	0 0.00 .	0 0.00 .	5 33.33
	factual and theoretical knowledge in broad contexts within a field of work	1 6.67 16.67	0 0.00 .	5 33.33 83.33	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 .	6 40.00
	Total	6 40.00	0 0.00	6 40.00	2 13.33	1 6.67	0 0.00	0 0.00	15 100.00

[6] This question is based on the European Qualification Framework.

Which of the following descriptions characterises the skill level of this occupation best?[7] Tick one box only. *If you do not know the answer to this question, you can select the box 'I don't know'.*

Definition:

Cognitive skills: use of logical, intuitive and creative thinking
Practical skills: involving manual dexterity and the use of methods, materials, tools and instruments

Frequency / Percent / Col Pct	L105bis	COUNTRY							Total
		UK	belgium	espagna	france	germany	netherl	poland	
	basic skills required to carry out simple tasks	2 13.33 33.33	0 0.00 .	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 .	2 13.33
	basic cognitive and practical skills required to use relevant information in order to carry out tasks and to solve routine problems using simple rules and tools	1 6.67 16.67	0 0.00 .	0 0.00 0.00	1 6.67 50.00	0 0.00 0.00	0 0.00 .	0 0.00 .	2 13.33
	a range of cognitive and practical skills required to accomplish tasks and solve problems by selecting and applying basic methods, tools, materials and information	2 13.33 33.33	0 0.00 .	6 40.00 100.00	1 6.67 50.00	1 6.67 100.00	0 0.00 .	0 0.00 .	10 66.67
	a range of cognitive and practical skills required to generate solutions to specific	1 6.67 16.67	0 0.00 .	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 .	1 6.67

[7] This question is based on the European Qualification Framework.

problems in a field of work									
Total	6 40.00	0 0.00	6 40.00	2 13.33	1 6.67	0 0.00	0 0.00	15 100.00

Frequency Percent Col Pct		**Which of the following descriptions characterises the level of responsibility and autonomy of this occupation best?[8] Tick one box only.** *If you do not know the answer to this question, you can select the box 'I don't know'.*							
	L106bis	**COUNTRY**							**Total**
		UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
	working under direct supervision in a structured context	3 27.27 75.00	0 0.00 .	0 0.00 0.00	1 9.09 100.00	0 0.00 0.00	0 0.00 .	0 0.00 .	4 36.36
	taking responsibility for completion of tasks and adapting own behaviour to circumstances in solving problems	1 9.09 25.00	0 0.00 .	5 45.45 100.00	0 0.00 0.00	1 9.09 100.00	0 0.00 .	0 0.00 .	7 63.64
	Total	4 36.36	0 0.00	5 45.45	1 9.09	1 9.09	0 0.00	0 0.00	11 100.00

Frequency Percent Col Pct		**In your country, is the occupation typically performed in: (you can mark more than 1 box)** Small organisations and firms (≤ 10 employees)							
	L112_1	**COUNTRY**							**Total**
		UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
	0	3 7.50 50.00	1 2.50 33.33	6 15.00 42.86	2 5.00 100.00	1 2.50 100.00	3 7.50 75.00	8 20.00 80.00	24 60.00

[8] This question is based on the European Qualification Framework.

1	3	2	8	0	0	1	2	16
	7.50	5.00	20.00	0.00	0.00	2.50	5.00	40.00
	50.00	66.67	57.14	0.00	0.00	25.00	20.00	
Total	6	3	14	2	1	4	10	40
	15.00	7.50	35.00	5.00	2.50	10.00	25.00	100.00

Frequency Percent Col Pct	**In your country, is the occupation typically performed in: (you can mark more than 1 box)** Medium-sized organisations and firms (11 – 100 employees)							
L112_2	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
0	0	2	2	2	0	3	7	16
	0.00	5.00	5.00	5.00	0.00	7.50	17.50	40.00
	0.00	66.67	14.29	100.00	0.00	75.00	70.00	
1	6	1	12	0	1	1	3	24
	15.00	2.50	30.00	0.00	2.50	2.50	7.50	60.00
	100.00	33.33	85.71	0.00	100.00	25.00	30.00	
Total	6	3	14	2	1	4	10	40
	15.00	7.50	35.00	5.00	2.50	10.00	25.00	100.00

Frequency Percent Col Pct	**In your country, is the occupation typically performed in: (you can mark more than 1 box)** Large organisations and firms (> 100 employees)							
L112_3	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
0	0	3	5	2	0	4	9	23
	0.00	7.50	12.50	5.00	0.00	10.00	22.50	57.50
	0.00	100.00	35.71	100.00	0.00	100.00	90.00	
1	6	0	9	0	1	0	1	17
	15.00	0.00	22.50	0.00	2.50	0.00	2.50	42.50
	100.00	0.00	64.29	0.00	100.00	0.00	10.00	

Total	6	3	14	2	1	4	10	40
	15.00	7.50	35.00	5.00	2.50	10.00	25.00	100.00

Frequency / Percent / Col Pct	**In your country, is the occupation typically performed in: (you can mark more than 1 box)** I don't know							
	L112_4	**COUNTRY**						**Total**
		UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
	0	6	3	14	0	1	4	10	38
		15.00	7.50	35.00	0.00	2.50	10.00	25.00	95.00
		100.00	100.00	100.00	0.00	100.00	100.00	100.00	
	1	0	0	0	2	0	0	0	2
		0.00	0.00	0.00	5.00	0.00	0.00	0.00	5.00
		0.00	0.00	0.00	100.00	0.00	0.00	0.00	
	Total	6	3	14	2	1	4	10	40
		15.00	7.50	35.00	5.00	2.50	10.00	25.00	100.00

Frequency / Percent / Col Pct	**In your country, is this occupation typically carried out in the public or private sector?**							
	L113	**COUNTRY**						**Total**
		UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
	Public sector	0	0	0	0	0	1	0	1
		0.00	0.00	0.00	0.00	0.00	3.03	0.00	3.03
		0.00	0.00	0.00	0.00	0.00	50.00	0.00	
	Private sector	6	2	14	2	1	1	3	29
		18.18	6.06	42.42	6.06	3.03	3.03	9.09	87.88
		100.00	66.67	100.00	100.00	100.00	50.00	60.00	
	Both	0	1	0	0	0	0	2	3
		0.00	3.03	0.00	0.00	0.00	0.00	6.06	9.09
		0.00	33.33	0.00	0.00	0.00	0.00	40.00	
	Total	6	3	14	2	1	2	5	33

	18.18	9.09	42.42	6.06	3.03	6.06	15.15	100.00

area=Industrial production, manufacture, metal

Frequency / Percent / Col Pct	Table of L66bis by COUNTRY							
L66bis	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
1	12 10.81 80.00	6 5.41 54.55	0 0.00 0.00	13 11.71 92.86	0 0.00 0.00	13 11.71 81.25	14 12.61 58.33	58 52.25
2	3 2.70 20.00	4 3.60 36.36	30 27.03 100.00	1 0.90 7.14	1 0.90 100.00	3 2.70 18.75	7 6.31 29.17	49 44.14
3	0 0.00 0.00	1 0.90 9.09	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	3 2.70 12.50	4 3.60
Total	15 13.51	11 9.91	30 27.03	14 12.61	1 0.90	16 14.41	24 21.62	111 100.00

Frequency / Percent / Col Pct	Table of L67bis by COUNTRY							
L67bis	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
1	0 0.00 0.00	4 3.31 40.00	0 0.00 0.00	3 2.48 20.00	0 0.00 0.00	0 0.00 0.00	6 4.96 24.00	13 10.74
2	6 4.96 37.50	5 4.13 50.00	31 25.62 100.00	11 9.09 73.33	1 0.83 100.00	13 10.74 56.52	13 10.74 52.00	80 66.12

3	0 0.00 0.00	1 0.83 10.00	0 0.00 0.00	1 0.83 6.67	0 0.00 0.00	8 6.61 34.78	2 1.65 8.00	12 9.92
4	10 8.26 62.50	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	2 1.65 8.70	4 3.31 16.00	16 13.22
Total	16 13.22	10 8.26	31 25.62	15 12.40	1 0.83	23 19.01	25 20.66	121 100.00

Frequency / Percent / Col Pct

Table of L68bis by COUNTRY

L68bis	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
1	0 0.00 0.00	0 0.00 0.00	2 1.65 6.45	1 0.83 6.67	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	3 2.48
2	9 7.44 56.25	10 8.26 90.91	25 20.66 80.65	7 5.79 46.67	0 0.00 0.00	12 9.92 54.55	11 9.09 44.00	74 61.16
3	7 5.79 43.75	1 0.83 9.09	4 3.31 12.90	7 5.79 46.67	1 0.83 100.00	10 8.26 45.45	14 11.57 56.00	44 36.36
Total	16 13.22	11 9.09	31 25.62	15 12.40	1 0.83	22 18.18	25 20.66	121 100.00

Frequency / Percent / Col Pct

Table of L69bis by COUNTRY

L69bis	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
1	2	0	0	0	0	1	1	4

	1.75 12.50	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.88 6.25	0.88 4.00	3.51
2	12 10.53 75.00	9 7.89 81.82	30 26.32 100.00	13 11.40 86.67	0 0.00 0.00	12 10.53 75.00	10 8.77 40.00	86 75.44
3	2 1.75 12.50	2 1.75 18.18	0 0.00 0.00	2 1.75 13.33	1 0.88 100.00	3 2.63 18.75	14 12.28 56.00	24 21.05
Total	16 14.04	11 9.65	30 26.32	15 13.16	1 0.88	16 14.04	25 21.93	114 100.00

Frequency
Percent
Col Pct

Table of L70bis by COUNTRY

L70bis	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
2	14 11.57 87.50	8 6.61 72.73	11 9.09 35.48	13 10.74 86.67	0 0.00 0.00	9 7.44 40.91	17 14.05 68.00	72 59.50
3	1 0.83 6.25	1 0.83 9.09	2 1.65 6.45	1 0.83 6.67	0 0.00 0.00	6 4.96 27.27	5 4.13 20.00	16 13.22
4	1 0.83 6.25	2 1.65 18.18	18 14.88 58.06	1 0.83 6.67	1 0.83 100.00	7 5.79 31.82	3 2.48 12.00	33 27.27
Total	16 13.22	11 9.09	31 25.62	15 12.40	1 0.83	22 18.18	25 20.66	121 100.00

Frequency
Percent

Table of L71bis by COUNTRY

L71bis	COUNTRY	Total

Col Pct		UK	belgium	espagna	france	germany	netherl	poland	
1	9	1	9	10	0	7	17	53
	7.89	0.88	7.89	8.77	0.00	6.14	14.91	46.49
	60.00	12.50	30.00	66.67	0.00	35.00	68.00	
2	3	4	21	3	1	8	3	43
	2.63	3.51	18.42	2.63	0.88	7.02	2.63	37.72
	20.00	50.00	70.00	20.00	100.00	40.00	12.00	
3	3	1	0	1	0	2	5	12
	2.63	0.88	0.00	0.88	0.00	1.75	4.39	10.53
	20.00	12.50	0.00	6.67	0.00	10.00	20.00	
4	0	2	0	1	0	3	0	6
	0.00	1.75	0.00	0.88	0.00	2.63	0.00	5.26
	0.00	25.00	0.00	6.67	0.00	15.00	0.00	
Total	15	8	30	15	1	20	25	114
	13.16	7.02	26.32	13.16	0.88	17.54	21.93	100.00

Frequency Percent Col Pct		Table of L82bis by COUNTRY							
	L82bis	**COUNTRY**							**Total**
		UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
	1	8	2	13	1	0	6	1	31
		8.00	2.00	13.00	1.00	0.00	6.00	1.00	31.00
		50.00	20.00	43.33	25.00	0.00	42.86	4.00	
	2	0	8	13	0	0	6	0	27
		0.00	8.00	13.00	0.00	0.00	6.00	0.00	27.00
		0.00	80.00	43.33	0.00	0.00	42.86	0.00	
	3	1	0	4	3	1	0	21	30
		1.00	0.00	4.00	3.00	1.00	0.00	21.00	30.00
		6.25	0.00	13.33	75.00	100.00	0.00	84.00	
	4	7	0	0	0	0	2	3	12

	7.00 43.75	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	2.00 14.29	3.00 12.00	12.00
Total	16 16.00	10 10.00	30 30.00	4 4.00	1 1.00	14 14.00	25 25.00	100 100.00

Frequency **Percent** **Col Pct**	**Table of L84bis by COUNTRY**							
L84bis	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
1	0 0.00 0.00	1 0.99 10.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 0.99 6.25	0 0.00 0.00	2 1.98
2	2 1.98 13.33	3 2.97 30.00	7 6.93 23.33	0 0.00 0.00	0 0.00 0.00	4 3.96 25.00	1 0.99 4.00	17 16.83
3	1 0.99 6.67	1 0.99 10.00	17 16.83 56.67	0 0.00 0.00	0 0.00 0.00	4 3.96 25.00	1 0.99 4.00	24 23.76
4	1 0.99 6.67	2 1.98 20.00	5 4.95 16.67	2 1.98 50.00	1 0.99 100.00	3 2.97 18.75	5 4.95 20.00	19 18.81
5	7 6.93 46.67	2 1.98 20.00	1 0.99 3.33	0 0.00 0.00	0 0.00 0.00	3 2.97 18.75	4 3.96 16.00	17 16.83
6	3 2.97 20.00	0 0.00 0.00	0 0.00 0.00	1 0.99 25.00	0 0.00 0.00	1 0.99 6.25	13 12.87 52.00	18 17.82
7	1 0.99 6.67	1 0.99 10.00	0 0.00 0.00	1 0.99 25.00	0 0.00 0.00	0 0.00 0.00	1 0.99 4.00	4 3.96

Total	15	10	30	4	1	16	25	101
	14.85	9.90	29.70	3.96	0.99	15.84	24.75	100.00

Frequency / Percent / Col Pct

Table of L104bis by COUNTRY

L104bis	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
1	4	1	0	0	0	0	0	5
	9.09	2.27	0.00	0.00	0.00	0.00	0.00	11.36
	30.77	16.67	0.00	0.00	.	0.00	0.00	
2	3	1	1	3	0	0	0	8
	6.82	2.27	2.27	6.82	0.00	0.00	0.00	18.18
	23.08	16.67	14.29	25.00	.	0.00	0.00	
3	6	3	2	7	0	1	0	19
	13.64	6.82	4.55	15.91	0.00	2.27	0.00	43.18
	46.15	50.00	28.57	58.33	.	50.00	0.00	
4	0	0	4	1	0	1	4	10
	0.00	0.00	9.09	2.27	0.00	2.27	9.09	22.73
	0.00	0.00	57.14	8.33	.	50.00	100.00	
5	0	1	0	1	0	0	0	2
	0.00	2.27	0.00	2.27	0.00	0.00	0.00	4.55
	0.00	16.67	0.00	8.33	.	0.00	0.00	
Total	13	6	7	12	0	2	4	44
	29.55	13.64	15.91	27.27	0.00	4.55	9.09	100.00

Frequency / Percent / Col Pct

Table of L105bis by COUNTRY

L105bis	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
1	4	0	0	1	0	0	0	5

	9.30 30.77	0.00 0.00	0.00 0.00	2.33 8.33	0.00 .	0.00 0.00	0.00 0.00	11.63
2	2 4.65 15.38	2 4.65 40.00	1 2.33 14.29	6 13.95 50.00	0 0.00 .	0 0.00 0.00	0 0.00 0.00	11 25.58
3	7 16.28 53.85	2 4.65 40.00	6 13.95 85.71	4 9.30 33.33	0 0.00 .	1 2.33 50.00	0 0.00 0.00	20 46.51
4	0 0.00 0.00	1 2.33 20.00	0 0.00 0.00	1 2.33 8.33	0 0.00 .	1 2.33 50.00	3 6.98 75.00	6 13.95
7	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	1 2.33 25.00	1 2.33
Total	13 30.23	5 11.63	7 16.28	12 27.91	0 0.00	2 4.65	4 9.30	43 100.00

Frequency Percent Col Pct		Table of L106bis by COUNTRY							
	L106bis	**COUNTRY**							**Total**
		UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
	1	4 10.53 33.33	0 0.00 0.00	0 0.00 0.00	2 5.26 18.18	0 0.00 .	0 0.00 0.00	1 2.63 25.00	7 18.42
	2	2 5.26 16.67	3 7.89 100.00	0 0.00 0.00	6 15.79 54.55	0 0.00 .	0 0.00 0.00	0 0.00 0.00	11 28.95
	3	6 15.79 50.00	0 0.00 0.00	6 15.79 100.00	3 7.89 27.27	0 0.00 .	2 5.26 100.00	3 7.89 75.00	20 52.63

Total	12	3	6	11	0	2	4	38
	31.58	7.89	15.79	28.95	0.00	5.26	10.53	100.00

Frequency Percent Col Pct	Table of L112_1 by COUNTRY							
L112_1	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
0	6	8	15	15	1	18	39	102
	4.17	5.56	10.42	10.42	0.69	12.50	27.08	70.83
	37.50	66.67	48.39	93.75	100.00	72.00	90.70	
1	10	4	16	1	0	7	4	42
	6.94	2.78	11.11	0.69	0.00	4.86	2.78	29.17
	62.50	33.33	51.61	6.25	0.00	28.00	9.30	
Total	16	12	31	16	1	25	43	144
	11.11	8.33	21.53	11.11	0.69	17.36	29.86	100.00

Frequency Percent Col Pct	Table of L112_2 by COUNTRY							
L112_2	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
0	1	4	4	11	0	12	28	60
	0.69	2.78	2.78	7.64	0.00	8.33	19.44	41.67
	6.25	33.33	12.90	68.75	0.00	48.00	65.12	
1	15	8	27	5	1	13	15	84
	10.42	5.56	18.75	3.47	0.69	9.03	10.42	58.33
	93.75	66.67	87.10	31.25	100.00	52.00	34.88	
Total	16	12	31	16	1	25	43	144
	11.11	8.33	21.53	11.11	0.69	17.36	29.86	100.00

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Frequency / Percent / Col Pct	Table of L112_3 by COUNTRY							
L112_3	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
0	2 1.39 12.50	7 4.86 58.33	6 4.17 19.35	14 9.72 87.50	0 0.00 0.00	15 10.42 60.00	37 25.69 86.05	81 56.25
1	14 9.72 87.50	5 3.47 41.67	25 17.36 80.65	2 1.39 12.50	1 0.69 100.00	10 6.94 40.00	6 4.17 13.95	63 43.75
Total	16 11.11	12 8.33	31 21.53	16 11.11	1 0.69	25 17.36	43 29.86	144 100.00

Frequency / Percent / Col Pct	Table of L112_4 by COUNTRY							
L112_4	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
0	16 11.11 100.00	11 7.64 91.67	31 21.53 100.00	10 6.94 62.50	1 0.69 100.00	25 17.36 100.00	43 29.86 100.00	137 95.14
1	0 0.00 0.00	1 0.69 8.33	0 0.00 0.00	6 4.17 37.50	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	7 4.86
Total	16 11.11	12 8.33	31 21.53	16 11.11	1 0.69	25 17.36	43 29.86	144 100.00

Frequency / Percent / Col Pct	Table of L113 by COUNTRY							
L113	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
1	0	1	0	0	0	0	1	2

	0.00 0.00	0.88 10.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.88 4.00	1.77
2	14 12.39 87.50	9 7.96 90.00	29 25.66 93.55	15 13.27 100.00	1 0.88 100.00	14 12.39 93.33	16 14.16 64.00	98 86.73
3	2 1.77 12.50	0 0.00 0.00	2 1.77 6.45	0 0.00 0.00	0 0.00 0.00	1 0.88 6.67	8 7.08 32.00	13 11.50
Total	16 14.16	10 8.85	31 27.43	15 13.27	1 0.88	15 13.27	25 22.12	113 100.00

area=Oil, gas, mining, utilities

Frequency **Percent** **Col Pct**		**Table of L66bis by COUNTRY**							
	L66bis	**COUNTRY**							**Total**
		UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
	1	2 9.52 50.00	0 0.00 0.00	0 0.00 0.00	2 9.52 66.67	0 0.00 .	0 0.00 .	0 0.00 0.00	4 19.05
	2	2 9.52 50.00	2 9.52 100.00	6 28.57 100.00	1 4.76 33.33	0 0.00 .	0 0.00 .	5 23.81 83.33	16 76.19
	3	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 .	1 4.76 16.67	1 4.76
	Total	4 19.05	2 9.52	6 28.57	3 14.29	0 0.00	0 0.00	6 28.57	21 100.00

Frequency / Percent / Col Pct	Table of L67bis by COUNTRY							
L67bis	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
1	2 8.33 40.00	1 4.17 50.00	0 0.00 0.00	1 4.17 33.33	0 0.00 .	0 0.00 0.00	4 16.67 66.67	8 33.33
2	2 8.33 40.00	1 4.17 50.00	6 25.00 100.00	2 8.33 66.67	0 0.00 .	0 0.00 0.00	1 4.17 16.67	12 50.00
3	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 4.17 50.00	0 0.00 0.00	1 4.17
4	1 4.17 20.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 4.17 50.00	1 4.17 16.67	3 12.50
Total	5 20.83	2 8.33	6 25.00	3 12.50	0 0.00	2 8.33	6 25.00	24 100.00

Frequency / Percent / Col Pct	Table of L68bis by COUNTRY							
L68bis	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
2	2 8.33 40.00	0 0.00 0.00	6 25.00 100.00	2 8.33 66.67	0 0.00 .	1 4.17 50.00	0 0.00 0.00	11 45.83
3	3 12.50 60.00	2 8.33 100.00	0 0.00 0.00	1 4.17 33.33	0 0.00 .	1 4.17 50.00	6 25.00 100.00	13 54.17
Total	5 20.83	2 8.33	6 25.00	3 12.50	0 0.00	2 8.33	6 25.00	24 100.00

Frequency / Percent / Col Pct	Table of L69bis by COUNTRY							
L69bis	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
2	4 17.39 80.00	2 8.70 100.00	6 26.09 100.00	2 8.70 66.67	0 0.00 .	1 4.35 100.00	0 0.00 0.00	15 65.22
3	1 4.35 20.00	0 0.00 0.00	0 0.00 0.00	1 4.35 33.33	0 0.00 .	0 0.00 0.00	6 26.09 100.00	8 34.78
Total	5 21.74	2 8.70	6 26.09	3 13.04	0 0.00	1 4.35	6 26.09	23 100.00

Frequency / Percent / Col Pct	Table of L70bis by COUNTRY							
L70bis	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
2	3 12.50 60.00	1 4.17 50.00	0 0.00 0.00	2 8.33 66.67	0 0.00 .	1 4.17 50.00	4 16.67 66.67	11 45.83
3	1 4.17 20.00	0 0.00 0.00	0 0.00 0.00	1 4.17 33.33	0 0.00 .	0 0.00 0.00	2 8.33 33.33	4 16.67
4	1 4.17 20.00	1 4.17 50.00	6 25.00 100.00	0 0.00 0.00	0 0.00 .	1 4.17 50.00	0 0.00 0.00	9 37.50
Total	5 20.83	2 8.33	6 25.00	3 12.50	0 0.00	2 8.33	6 25.00	24 100.00

Frequency / Percent / Col Pct	Table of L71bis by COUNTRY							
L71bis	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
1	2 8.33 40.00	0 0.00 0.00	3 12.50 50.00	0 0.00 0.00	0 0.00 .	1 4.17 50.00	2 8.33 33.33	8 33.33
2	2 8.33 40.00	2 8.33 100.00	3 12.50 50.00	3 12.50 100.00	0 0.00 .	0 0.00 0.00	3 12.50 50.00	13 54.17
3	1 4.17 20.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	1 4.17 50.00	1 4.17 16.67	3 12.50
Total	5 20.83	2 8.33	6 25.00	3 12.50	0 0.00	2 8.33	6 25.00	24 100.00

Frequency / Percent / Col Pct	Table of L82bis by COUNTRY							
L82bis	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
1	1 5.26 25.00	1 5.26 50.00	4 21.05 66.67	0 0.00 .	0 0.00 .	0 0.00 0.00	1 5.26 16.67	7 36.84
2	0 0.00 0.00	1 5.26 50.00	2 10.53 33.33	0 0.00 .	0 0.00 .	1 5.26 100.00	0 0.00 0.00	4 21.05
3	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 .	0 0.00 0.00	5 26.32 83.33	5 26.32
4	3	0	0	0	0	0	0	3

	15.79 75.00	0.00 0.00	0.00 0.00	0.00 .	0.00 .	0.00 0.00	0.00 0.00	15.79
Total	4 21.05	2 10.53	6 31.58	0 0.00	0 0.00	1 5.26	6 31.58	19 100.00

Frequency Percent Col Pct		Table of L84bis by COUNTRY							
	L84bis	**COUNTRY**							**Total**
		UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
	2	0 0.00 0.00	0 0.00 0.00	1 5.26 16.67	0 0.00 .	0 0.00 .	0 0.00 0.00	0 0.00 0.00	1 5.26
	3	0 0.00 0.00	0 0.00 0.00	5 26.32 83.33	0 0.00 .	0 0.00 .	0 0.00 0.00	0 0.00 0.00	5 26.32
	4	0 0.00 0.00	1 5.26 50.00	0 0.00 0.00	0 0.00 .	0 0.00 .	0 0.00 0.00	0 0.00 0.00	1 5.26
	5	1 5.26 25.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 .	1 5.26 100.00	2 10.53 33.33	4 21.05
	6	2 10.53 50.00	1 5.26 50.00	0 0.00 0.00	0 0.00 .	0 0.00 .	0 0.00 0.00	4 21.05 66.67	7 36.84
	7	1 5.26 25.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 .	0 0.00 0.00	0 0.00 0.00	1 5.26
	Total	4 21.05	2 10.53	6 31.58	0 0.00	0 0.00	1 5.26	6 31.58	19 100.00

Frequency Percent Col Pct	Table of L104bis by COUNTRY							
	L104bis	COUNTRY						Total
		UK	belgium	espagna	france	germany	netherl	poland	
	3	3 30.00 100.00	1 10.00 100.00	0 0.00 0.00	2 20.00 66.67	0 0.00 .	0 0.00 0.00	0 0.00 0.00	6 60.00
	4	0 0.00 0.00	0 0.00 0.00	1 10.00 100.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	1 10.00 100.00	2 20.00
	5	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 10.00 33.33	0 0.00 .	1 10.00 100.00	0 0.00 0.00	2 20.00
	Total	3 30.00	1 10.00	1 10.00	3 30.00	0 0.00	1 10.00	1 10.00	10 100.00

Frequency Percent Col Pct	Table of L105bis by COUNTRY							
	L105bis	COUNTRY						Total
		UK	belgium	espagna	france	germany	netherl	poland	
	3	2 20.00 66.67	0 0.00 0.00	1 10.00 100.00	1 10.00 33.33	0 0.00 .	0 0.00 0.00	0 0.00 0.00	4 40.00
	4	1 10.00 33.33	1 10.00 100.00	0 0.00 0.00	2 20.00 66.67	0 0.00 .	1 10.00 100.00	0 0.00 0.00	5 50.00
	6	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	1 10.00 100.00	1 10.00
	Total	3	1	1	3	0	1	1	10

	30.00	10.00	10.00	30.00	0.00	10.00	10.00	100.00

Frequency Percent Col Pct	Table of L106bis by COUNTRY							
L106bis	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
3	2 40.00 100.00	0 0.00 .	1 20.00 100.00	2 40.00 100.00	0 0.00 .	0 0.00 .	0 0.00 .	5 100.00
Total	2 40.00	0 0.00	1 20.00	2 40.00	0 0.00	0 0.00	0 0.00	5 100.00

Frequency Percent Col Pct	Table of L112_1 by COUNTRY							
L112_1	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
0	4 13.79 80.00	2 6.90 100.00	5 17.24 83.33	3 10.34 100.00	0 0.00 .	3 10.34 100.00	8 27.59 80.00	25 86.21
1	1 3.45 20.00	0 0.00 0.00	1 3.45 16.67	0 0.00 0.00	0 0.00 .	0 0.00 0.00	2 6.90 20.00	4 13.79
Total	5 17.24	2 6.90	6 20.69	3 10.34	0 0.00	3 10.34	10 34.48	29 100.00

Frequency Percent Col Pct	Table of L112_2 by COUNTRY							
L112_2	COUNTRY							Total
	UK	belgium	espagna	france	germany	netherl	poland	
0	1	2	4	3	0	3	10	23

	3.45 20.00	6.90 100.00	13.79 66.67	10.34 100.00	0.00 .	10.34 100.00	34.48 100.00	79.31
1	4 13.79 80.00	0 0.00 0.00	2 6.90 33.33	0 0.00 0.00	0 0.00 .	0 0.00 0.00	0 0.00 0.00	6 20.69
Total	5 17.24	2 6.90	6 20.69	3 10.34	0 0.00	3 10.34	10 34.48	29 100.00

Frequency Percent Col Pct	Table of L112_3 by COUNTRY							
L112_3	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
0	1 3.45 20.00	1 3.45 50.00	0 0.00 0.00	2 6.90 66.67	0 0.00 .	2 6.90 66.67	6 20.69 60.00	12 41.38
1	4 13.79 80.00	1 3.45 50.00	6 20.69 100.00	1 3.45 33.33	0 0.00 .	1 3.45 33.33	4 13.79 40.00	17 58.62
Total	5 17.24	2 6.90	6 20.69	3 10.34	0 0.00	3 10.34	10 34.48	29 100.00

Frequency Percent Col Pct	Table of L112_4 by COUNTRY							
L112_4	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
0	5 17.24 100.00	1 3.45 50.00	6 20.69 100.00	1 3.45 33.33	0 0.00 .	3 10.34 100.00	10 34.48 100.00	26 89.66
1	0 0.00	1 3.45	0 0.00	2 6.90	0 0.00	0 0.00	0 0.00	3 10.34

	0.00	50.00	0.00	66.67	.	0.00	0.00	
Total	5 17.24	2 6.90	6 20.69	3 10.34	0 0.00	3 10.34	10 34.48	29 100.00

Frequency Percent Col Pct	Table of L113 by COUNTRY							
L113	**COUNTRY**							**Total**
	UK	**belgium**	**espagna**	**france**	**germany**	**netherl**	**poland**	
1	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	1 4.35 33.33	0 0.00 .	0 0.00 0.00	4 17.39 66.67	5 21.74
2	4 17.39 80.00	2 8.70 100.00	6 26.09 100.00	2 8.70 66.67	0 0.00 .	1 4.35 100.00	1 4.35 16.67	16 69.57
3	1 4.35 20.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 .	0 0.00 0.00	1 4.35 16.67	2 8.70
Total	5 21.74	2 8.70	6 26.09	3 13.04	0 0.00	1 4.35	6 26.09	23 100.00

Appendix B Occupation questionnaire for experts

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EXPERT QUESTIONNAIRE KEY OCCUPATION [OCCUPATIONAL TITLE]

This questionnaire includes questions on the content of the occupation [insert occupational title]. Some questions might be difficult to answer. If you do not know the answer to certain questions, you can mark the box 'I don't know'.

Short description of the occupation

[Insert short description]

1. Do you currently work in this occupation?

☐ Yes
☐ No

2. If any, what alternative job titles are used in your country for [insert occupational title] (max. of 3 job titles, please include those most frequently used)?

1.....
2.....
3.....

Below, the main tasks of this occupation are suggested. Please note that these task descriptions are preliminary. They are based on international deskresearch. You are more than welcome to provide comments and suggestions to revise the task list.

Suggested tasks:

1. [Insert task 1]
2. [Insert task 2]
3. [Insert task 3]
4. [Insert task 4]
5. [Insert task 5]
6. [Insert task 6]
7. [Insert task 7]
8. [Insert task 8]
9. [Insert task 9]
10. [Insert task 10]
11. [Insert task 11]
12. [Insert task 12]

3. Are any key tasks missing in the task list?

1.....
2.....
3.....

Room for comments on the task list

…… …… …… …… …… …… ……

4. Could you indicate for each of the tasks how frequently the task is performed (never or on a daily, weekly, monthly or yearly basis)?

	Never	Yearly	Monthly	Weekly	Daily	I don't know
1. [Insert task 1]	☐	☐	☐	☐	☐	☐
2. [Insert task 2]	☐	☐	☐	☐	☐	☐
3. [Insert task 3]	☐	☐	☐	☐	☐	☐
4. [Insert task 4]	☐	☐	☐	☐	☐	☐
5. [Insert task 5]	☐	☐	☐	☐	☐	☐
6. [Insert task 6]	☐	☐	☐	☐	☐	☐
7. [Insert task 7]	☐	☐	☐	☐	☐	☐
8. [Insert task 8]	☐	☐	☐	☐	☐	☐
9. [Insert task 9]	☐	☐	☐	☐	☐	☐
10. [Insert task 10]	☐	☐	☐	☐	☐	☐
11. [Insert task 11]	☐	☐	☐	☐	☐	☐
12. [Insert task 12]	☐	☐	☐	☐	☐	☐
13. …… ……	☐	☐	☐	☐	☐	☐
14. …… ……	☐	☐	☐	☐	☐	☐
15. …… ……	☐	☐	☐	☐	☐	☐

5. How important is competent performance of this task in this occupation?

	Not at all important	Of some importance	Of major importance	I don't know
1. [Insert task 1]	☐	☐	☐	☐
2. [Insert task 2]	☐	☐	☐	☐
3. [Insert task 3]	☐	☐	☐	☐
4. [Insert task 4]	☐	☐	☐	☐
5. [Insert task 5]	☐	☐	☐	☐
6. [Insert task 6]	☐	☐	☐	☐
7. [Insert task 7]	☐	☐	☐	☐
8. [Insert task 8]	☐	☐	☐	☐
9. [Insert task 9]	☐	☐	☐	☐
10. [Insert task 10]	☐	☐	☐	☐
11. [Insert task 11]	☐	☐	☐	☐
12. [Insert task 12]	☐	☐	☐	☐
13. …… ……	☐	☐	☐	☐
14. …… ……	☐	☐	☐	☐
15. …… ……	☐	☐	☐	☐

6. What is the <u>required</u> educational entry level for this occupation in your country? Please note that the required educational entry level may differ from the average educational level of the people working in an occupation. We ask you to tick the <u>required</u> educational entry level. You can mark more than 1 box.

☐ *[insert country-specific education categories]*
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7a. Are there additional formal or legal requirements for this occupation?

- ☐ Yes, namely:
  - ☐ diploma (full educational programme) → *question 7b*
  - ☐ certification (training / course) → *question 7c*
  - ☐ working according to a professional code or protocol → *question 7d*
  - ☐ other, please specify …… → *question 7e*
- ☐ No → *question 8*
- ☐ I don't know

7b. How are the additional *diploma requirements* established/laid down?

- ☐ collective labour agreement
- ☐ law/legal requirement
- ☐ federal government
- ☐ branch of industry
- ☐ other, please specify……
- ☐ I don't know

7c. How are the additional *certification (training/course) requirements* established/laid down?

- ☐ collective labour agreement
- ☐ law/legal requirement
- ☐ federal government
- ☐ branch of industry
- ☐ other, please specify……
- ☐ I don't know

7d. How are the additional *professional code or protocol requirements* established/laid down?

- ☐ collective labour agreement
- ☐ law/legal requirement
- ☐ federal government
- ☐ branch of industry
- ☐ other, please specify……
- ☐ I don't know

7e. How are the additional *other requirements* established/laid down?

- ☐ collective labour agreement
- ☐ law/legal requirement
- ☐ federal government
- ☐ branch of industry
- ☐ other, please specify……
- ☐ I don't know

8. We want to know more about the transferability of skills. Therefore, we would like to know the relevance of the competencies mentioned below for this occupation.[9]

		Not at all important	Of some importance	Of major importance	I don't know
A	Initiating action	☐	☐	☐	☐
B	Instructing co-workers	☐	☐	☐	☐
C	Supervising	☐	☐	☐	☐
D	Co-operating with colleagues	☐	☐	☐	☐
E	Communicating	☐	☐	☐	☐
F	Relating and networking	☐	☐	☐	☐
G	Negotiating	☐	☐	☐	☐
H	Reporting	☐	☐	☐	☐
I	Applying know-how, professional expertise	☐	☐	☐	☐
J	Problem solving	☐	☐	☐	☐
K	Developing new procedures and working methods	☐	☐	☐	☐
L	Forming strategies	☐	☐	☐	☐
M	Planning and organising	☐	☐	☐	☐
N	Following instructions and procedures	☐	☐	☐	☐
O	Dealing with contingencies	☐	☐	☐	☐
P	Coping with stressful situations	☐	☐	☐	☐
Q	Commercial thinking	☐	☐	☐	☐

9. Do you expect the size of this occupation (how many people are working in the occupation) to decline, increase or remain stable in the next 5 years?

☐ Declining occupation size
☐ Stable occupation size
☐ Increasing occupation size
☐ I don't know

[9] The list of competencies is based on the SHL Competency Framework (Bartram, D. (2005). The great eight competencies: A criterion-centric approach to validation. *Journal of Applied Psychology*, 90 (6): 1185-1203).

10. Do you have any additional comments?

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Thank very much for your time and effort!

Part 1 of the questionnaire is now completed. We would like to ask whether you are willing to answer some additional questions concerning, for instance, the effort required to perform the occupation, relevant developments etc. Your cooperation will be highly valued.

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PART 2 EXPERT QUESTIONNAIRE (OPTIONAL)

11. How many subordinates do people working in this occupation, in general, formally supervise (*EXCLUDING* the coaching of less experienced co-workers, students or trainees)?

- ☐ none
- ☐ 1 – 10 employees
- ☐ 11 – 100 employees
- ☐ > 100 employees
- ☐ I don't know

12. How often does the work involve coaching or training of less experienced co-workers, students or trainees (*EXCLUDING* the subordinates that are formally supervised)?

- ☐ Regularly
- ☐ Occasionally
- ☐ Never
- ☐ It varies
- ☐ I don't know

13. How much physical effort is generally required in this occupation?

- ☐ Not at all
- ☐ Some
- ☐ Much
- ☐ I don't know

14. How much mental effort is generally required in this occupation?

- ☐ Not at all
- ☐ Some
- ☐ Much
- ☐ I don't know

15. Is organising part of the work in this occupation?

- ☐ Yes, it involves the organisation of personnel/staff
- ☐ Yes, it involves the organisation of equipment/material
- ☐ Yes, it involves the organisation of both personnel/staff and equipment/material
- ☐ No
- ☐ I don't know

16. Which of these categories best describes the use of computers required in this occupation?

- ☐ Not at all
- ☐ Routine (e.g., word processing, spreadsheets and/or e-mail)
- ☐ Complex (e.g., for gathering/analysing information, design)
- ☐ Advanced (e.g., programming, IT development)
- ☐ I don't know

17. When can people start working in this occupation?

- ☐ Immediately after completing formal education
- ☐ Via in-company dual-learning trajectories after completing formal education
- ☐ Via apprenticeships
- ☐ Other, namely……
- ☐ I don't know

18. How long does it generally take, after completing the required formal education, to become competent in this occupation?

- ☐ Up to 1 week
- ☐ 1 week – 1 month
- ☐ 1 – 3 months
- ☐ 3 – 6 months
- ☐ 6 months – 1 year
- ☐ 1 – 5 years
- ☐ ≥ 5 years
- ☐ I don't know

19. How often do people working in this occupation have to update their knowledge and skills?

- ☐ Never
- ☐ Yearly
- ☐ Monthly
- ☐ Weekly
- ☐ Daily
- ☐ I don't know

20. Are you familiar with the European Qualification Framework?

- ☐ Yes → *go to question 21*
- ☐ No → *go to question 24*

21. Which of the following descriptions characterises the level of knowledge of this occupation best?[10] Tick one box only. *If you do not know the answer to this question, you can select the box 'I don't know'.*

This occupation requires:

- ☐ … basic general knowledge
- ☐ … basic factual knowledge of a field of work
- ☐ … knowledge of facts, principles, processes and general concepts, in a field of work
- ☐ … factual and theoretical knowledge in broad contexts within a field of work
- ☐ … comprehensive, specialised, factual and theoretical knowledge within a field of work and an awareness of the boundaries of that knowledge
- ☐ …. advanced knowledge of a field of work, involving a critical understanding of theories and principles
- ☐ … highly specialised knowledge of a field of work and critical awareness of knowledge issues in a field and at the interface between different fields
- ☐ … knowledge at the most advanced frontier of a field of work and at the interface between fields
- ☐ I don't know

22. Which of the following descriptions characterises the skill level of this occupation best?[11] Tick one box only. *If you do not know the answer to this question, you can select the box 'I don't know'.*

Definition:

Cognitive skills: use of logical, intuitive and creative thinking

Practical skills: involving manual dexterity and the use of methods, materials, tools and instruments

This occupation requires:

- ☐ … basic skills required to carry out simple tasks
- ☐ … basic cognitive and practical skills required to use relevant information in order to carry out tasks and to solve routine problems using simple rules and tools
- ☐ … a range of cognitive and practical skills required to accomplish tasks and solve problems by selecting and applying basic methods, tools, materials and information
- ☐ … a range of cognitive and practical skills required to generate solutions to specific problems in a field of work
- ☐ … a comprehensive range of cognitive and practical skills required to develop creative solutions to abstract problems
- ☐ … advanced skills, demonstrating mastery and innovation, required to solve complex and unpredictable problems in a specialised field of work
- ☐ … specialised problem-solving skills required in research and/or innovation in order to develop new knowledge and procedures and to integrate knowledge from different fields
- ☐ … the most advanced and specialised skills an techniques, including synthesis and evaluation, required to solve critical problems in research and/or innovation and to extend and redefine existing knowledge or professional practice

[10] This question is based on the European Qualification Framework.
[11] This question is based on the European Qualification Framework.

☐ I don't know

23. Which of the following descriptions characterises the level of responsibility and autonomy of this occupation best?[12] Tick one box only. *If you do not know the answer to this question, you can select the box 'I don't know'.*

This occupation involves:

☐ … working under direct supervision in a structured context

☐ … working under supervision with some autonomy

☐ … taking responsibility for completion of tasks and adapting own behaviour to circumstances in solving problems

☐ … exercising self-management within the guidelines of work contexts that are usually predictable, but are subject to change and supervising the routine work of others, taking some responsibility for the evaluation and improvement of work activities

☐ … exercising management and supervision in work contexts where there is unpredictable change and review and develop performance of self and others

☐ … managing complex technical or professional activities or projects, taking responsibility for decision-making in unpredictable work contexts and taking responsibility for managing professional development of individuals and groups

☐ … managing and transforming work contexts that are complex, unpredictable and require new strategic approaches and taking responsibility for contributing to professional knowledge and practice and/or for reviewing the strategic performance of teams

☐ … demonstrating substantial authority, innovation, autonomy, scholarly and professional integrity and sustained commitment to the development of new ideas or processes at the forefront of work contexts including research

☐ I don't know

We now want to ask some questions about expected changes and developments in the occupation.

24. Do you expect the content of this occupation to change within the next 5 years?

☐ Yes, in the following way:……

……..

☐ No

☐ I don't know

25. Do you expect the educational requirements for this occupation to change within the next 5 years?

☐ Yes, in the following way: ….……

……..

☐ No

☐ I don't know

[12] This question is based on the European Qualification Framework.

26. In your country, is the occupation typically performed in: (you can mark more than 1 box)

- ☐ Small organisations and firms (≤ 10 employees)
- ☐ Medium-sized organisations and firms (11 – 100 employees)
- ☐ Large organisations and firms (> 100 employees)
- ☐ I don't know

27. In your country, is this occupation typically carried out in the public or private sector?

- ☐ Public sector
- ☐ Private sector
- ☐ Both
- ☐ I don't know

28. Do you have any additional comments?

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Thanks very much for your time and effort!!!

Appendix C Education questionnaire for experts

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EXPERT QUESTIONNAIRE EDUCATIONAL REQUIREMENTS

This questionnaire includes question on the educational requirements of occupations. Earlier, you have indicated your areas of expertise.

1. For how many occupations in your area(s) of expertise are you willing to indicate the required educational entry level?

- ☐ 5
- ☐ 10
- ☐ 15
- ☐ 20
- ☐ 25

Experts will answer the question below for a random selection of occupations in their area(s) of work, the number based on their answer to the question above.

2. What is the <u>required</u> educational entry level for these occupations in your country? Please note that the required educational entry level may differ from the average educational level of the people working in an occupation. We ask you to tick the <u>required</u> educational entry level.

COUNTRY SPECIFIC CODING SHEET

Thanks very much for your time and effort!!!

Appendix D Occupational workers questionnaire

QUESTIONNAIRE '[occupational title]' FOR OCCUPATIONAL WORKERS

YOUR OCCUPATION [OCCUPATIONAL TITLE]

Below, a number of tasks of your occupation is suggested. Please note that these task descriptions are preliminary. They are based on international deskresearch. You are more than welcome to provide comments and suggestions to revise the task list.

Suggested tasks:

Insert task 1
Insert task 2
Insert task 3
Insert task 4
Insert task 5
Insert task 6
Insert task 7
Insert task 8
Insert task 9
Insert task 10

1. Are any key tasks missing in the task list?

1.....
2.....
3.....
If respondents add tasks in this question, these tasks will automatically be included in questions 2, 3 and 4.

Room for comments on the task list

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.....
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.....
.....

2. Could you indicate for each of the tasks how frequently the task is performed (never or on a daily, weekly, monthly or yearly basis)?

	Never	Yearly	Monthly	Weekly	Daily	I don't know
16. [Insert task 1]	☐	☐	☐	☐	☐	☐
17. [Insert task 2]	☐	☐	☐	☐	☐	☐
18. [Insert task 3]	☐	☐	☐	☐	☐	☐
19. [Insert task 4]	☐	☐	☐	☐	☐	☐
20. [Insert task 5]	☐	☐	☐	☐	☐	☐
21. [Insert task 6]	☐	☐	☐	☐	☐	☐
22. [Insert task 7]	☐	☐	☐	☐	☐	☐
23. [Insert task 8]	☐	☐	☐	☐	☐	☐
24. [Insert task 9]	☐	☐	☐	☐	☐	☐
25. [Insert task 10]	☐	☐	☐	☐	☐	☐
26. [Insert task 11]	☐	☐	☐	☐	☐	☐
27. [Insert task 12]	☐	☐	☐	☐	☐	☐
28. …… ……	☐	☐	☐	☐	☐	☐
29. …… ……	☐	☐	☐	☐	☐	☐
30. …… ……	☐	☐	☐	☐	☐	☐

3. How important is competent performance of this task in this occupation?

	Not at all important	Of some importance	Of major importance	I don't know
16. [Insert task 1]	☐	☐	☐	☐
17. [Insert task 2]	☐	☐	☐	☐
18. [Insert task 3]	☐	☐	☐	☐
19. [Insert task 4]	☐	☐	☐	☐
20. [Insert task 5]	☐	☐	☐	☐
21. [Insert task 6]	☐	☐	☐	☐
22. [Insert task 7]	☐	☐	☐	☐
23. [Insert task 8]	☐	☐	☐	☐
24. [Insert task 9]	☐	☐	☐	☐
25. [Insert task 10]	☐	☐	☐	☐
26. [Insert task 11]	☐	☐	☐	☐
27. [Insert task 12]	☐	☐	☐	☐
28. …… ……	☐	☐	☐	☐
29. …… ……	☐	☐	☐	☐
30. ……	☐	☐	☐	☐

…….				

4. Is the task mainly performed under direct supervision of others or autonomous?

	Mainly under direct supervision	Mainly *not* under direct supervision	I don't know
1. [Insert task 1]	☐	☐	☐
2. [Insert task 2]	☐	☐	☐
3. [Insert task 3]	☐	☐	☐
4. [Insert task 4]	☐	☐	☐
5. [Insert task 5]	☐	☐	☐
6. [Insert task 6]	☐	☐	☐
7. [Insert task 7]	☐	☐	☐
8. [Insert task 8]	☐	☐	☐
9. [Insert task 9]	☐	☐	☐
10. [Insert task 10]	☐	☐	☐
11. [Insert task 11]	☐	☐	☐
12. [Insert task 12]	☐	☐	☐
13. ……. …….	☐	☐	☐
14. ……. …….	☐	☐	☐
15. ……. …….	☐	☐	☐

5.What is your educational level?

☐ COUNTRY SPECIFIC CODING SHEET (**NB DIFFERENT CODING SHEET THAN EXPERT WEBSURVEY**!!)

6. Does your education level match the required education level?

☐ Yes → *go to question 9*
☐ No → *go to question 7*
☐ I don't know → *go to question 8*

7. What is the <u>required</u> educational entry level for this occupation in this country? You can mark more than 1 box.

COUNTRY SPECIFIC CODING SHEET REQUIRED EDUCATION (NB **SAME** CODING SHEET AS EXPERT WEBSURVEY!!)

8. Do you consider yourself under- or overqualified for the job?

☐ I am underqualified for the job
☐ I am overqualified for the job

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☐ I don't know

9. How important is labour experience for adequate performance of your job?

☐ Not at all important
☐ Of some importance
☐ Of major importance
☐ I don't know

10. Do you expect the content of this occupation to change within the next 5 years?

☐ Yes, in the following way:……
☐ No
☐ I don't know

YOUR CAREER

11. What year did you start your first job?

…… (year)

12. How many times have you changed your employer since (including temporary jobs and self-employment)?

☐ Never
☐ 1-2 times
☐ 3-4 times
☐ 5-6 times
☐ 7 times or more
☐ I don't know

13. In which year did you join your current employer or did you start your business? If the name of your company has changed, please include the period of time you spent with the company also when its name was different.

…… (year)

We are interested in your working conditions and the nature of your employment relationship. Therefore, we would like to ask you the following questions.

14. In your job, do you mainly work in a team or mainly individually?

☐ Mainly in a team
☐ Mainly individually
☐ It varies

15. Are you an employee or self-employed?

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- ☐ Employee
- ☐ Self-employed

16. How are you paid?

- ☐ Monthly salary plus performance
- ☐ Monthly salary only
- ☐ Weekly wage
- ☐ Hourly paid
- ☐ Piecework
- ☐ Other, namely……

17. Do you have a pay scale with increments, either automatic or performance related?

- ☐ Yes
- ☐ No
- ☐ I don't know

18. If you want to quit your job, how much notice do you have?

- ☐ None
- ☐ Less than 1 week
- ☐ 1 week or over but less than 1 month
- ☐ 1 month or more but less than 3 months
- ☐ 3 months or more
- ☐ I don't know

19. Who decides what time you start and leave work?

- ☐ My supervisor decides
- ☐ I decide without limitations
- ☐ I decide with limitations

20. Do you have opportunities for promotion or career developments either within your organisation or by changing employer?

- ☐ Yes
- ☐ No
- ☐ I don't know

GENERAL

21. What is your year of birth?

19……

22. What is your gender?

☐ Male
☐ Female

23. Do you have any additional comments?

……
……
……

24. A number of prizes is offered in a drawing among the participants of this survey. Do you want to be enrolled in this drawing?

☐ Yes, e-mail address:……
☐ No

Thanks very much for your time and effort!!!


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Appendix E Partner occupation questionnaire

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PARTNER QUESTIONNAIRE KEY OCCUPATION [OCCUPATIONAL TITLE]

This questionnaire includes questions on the content of the occupation [insert occupational title]. Some questions might be difficult to answer. If you do not know the answer to certain questions, you can mark the box 'I don't know'.

Short description of the occupation

[Insert short description]

1. If any, what alternative job titles are used in your country for [insert occupational title] (max. of 3 job titles, please include those most frequently used)?

1.....
2.....
3.....

Below, the main tasks of this occupation are suggested. Please note that these task descriptions are preliminary. They are based on international deskresearch. You are more than welcome to provide comments and suggestions to revise the task list.

Suggested tasks:

13. [Insert task 1]
14. [Insert task 2]
15. [Insert task 3]
16. [Insert task 4]
17. [Insert task 5]
18. [Insert task 6]
19. [Insert task 7]
20. [Insert task 8]
21. [Insert task 9]
22. [Insert task 10]
23. [Insert task 11]
24. [Insert task 12]

2. Are any key tasks missing in the task list?

1.....
2.....
3.....

Room for comments on the task list

.....
.....
.....

…… …… …… ……

3. Could you indicate for each of the tasks how frequently the task is performed (never or on a daily, weekly, monthly or yearly basis)?

	Never	Yearly	Monthly	Weekly	Daily	I don't know
31. [Insert task 1]	☐	☐	☐	☐	☐	☐
32. [Insert task 2]	☐	☐	☐	☐	☐	☐
33. [Insert task 3]	☐	☐	☐	☐	☐	☐
34. [Insert task 4]	☐	☐	☐	☐	☐	☐
35. [Insert task 5]	☐	☐	☐	☐	☐	☐
36. [Insert task 6]	☐	☐	☐	☐	☐	☐
37. [Insert task 7]	☐	☐	☐	☐	☐	☐
38. [Insert task 8]	☐	☐	☐	☐	☐	☐
39. [Insert task 9]	☐	☐	☐	☐	☐	☐
40. [Insert task 10]	☐	☐	☐	☐	☐	☐
41. [Insert task 11]	☐	☐	☐	☐	☐	☐
42. [Insert task 12]	☐	☐	☐	☐	☐	☐
43. …… ……	☐	☐	☐	☐	☐	☐
44. …… ……	☐	☐	☐	☐	☐	☐
45. …… ……	☐	☐	☐	☐	☐	☐

4. How important is competent performance of this task in this occupation?

	Not at all important	Of some importance	Of major importance	I don't know
31. [Insert task 1]	☐	☐	☐	☐
32. [Insert task 2]	☐	☐	☐	☐
33. [Insert task 3]	☐	☐	☐	☐
34. [Insert task 4]	☐	☐	☐	☐
35. [Insert task 5]	☐	☐	☐	☐
36. [Insert task 6]	☐	☐	☐	☐
37. [Insert task 7]	☐	☐	☐	☐
38. [Insert task 8]	☐	☐	☐	☐
39. [Insert task 9]	☐	☐	☐	☐
40. [Insert task 10]	☐	☐	☐	☐

41. [Insert task 11]	☐	☐	☐	☐
42. [Insert task 12]	☐	☐	☐	☐
43. …… ……..	☐	☐	☐	☐
44. …… ……..	☐	☐	☐	☐
45. …… ……..	☐	☐	☐	☐

5. How many subordinates do people working in this occupation, in general, formally supervise (*EXCLUDING* the coaching of less experienced co-workers, students or trainees)?

- ☐ none
- ☐ 1 – 10 employees
- ☐ 11 – 100 employees
- ☐ > 100 employees
- ☐ I don't know

6. How often does the work involve coaching or training of less experienced co-workers, students or trainees (*EXCLUDING* the subordinates that are formally supervised)?

- ☐ Regularly
- ☐ Occasionally
- ☐ Never
- ☐ It varies
- ☐ I don't know

7. How much physical effort is generally required in this occupation?

- ☐ Not at all
- ☐ Some
- ☐ Much
- ☐ I don't know

8. How much mental effort is generally required in this occupation?

- ☐ Not at all
- ☐ Some
- ☐ Much
- ☐ I don't know

9. Is organising part of the work in this occupation?

- ☐ Yes, it involves the organisation of personnel/staff
- ☐ Yes, it involves the organisation of equipment/material
- ☐ Yes, it involves the organisation of both personnel/staff and equipment/material

☐ No
☐ I don't know

10 Which of these categories best describes the use of computers required in this occupation?

☐ Not at all
☐ Routine (e.g., word processing, spreadsheets and/or e-mail)
☐ Complex (e.g., for gathering/analysing information, design)
☐ Advanced (e.g., programming, IT development)
☐ I don't know

11 What is the <u>required</u> educational entry level for this occupation in your country? Please note that the required educational entry level may differ from the average educational level of the people working in an occupation. We ask you to tick the <u>required</u> educational entry level. You can mark more than 1 box.

☐ *[insert country-specific education categories]*
☐
☐
☐
☐
☐
☐
☐
☐
☐

12a Are there additional formal or legal requirements for this occupation?

☐ Yes, namely:
  ☐ diploma (full educational programme) → *question 12b*
  ☐ certification (training / course) → *question 12c*
  ☐ working according to a professional code or protocol → *question 12d*
  ☐ other, please specify ..... → *question 12e*
☐ No → *question 13*
☐ I don't know

12b How are the additional <u>*diploma requirements*</u> established/laid down?

☐ collective labour agreement
☐ law/legal requirement
☐ federal government
☐ branch of industry
☐ other, please specify.....
☐ I don't know


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12c How are the additional *certification (training/course) requirements* established/laid down?

- ☐ collective labour agreement
- ☐ law/legal requirement
- ☐ federal government
- ☐ branch of industry
- ☐ other, please specify……
- ☐ I don't know

12d How are the additional *professional code or protocol requirements* established/laid down?

- ☐ collective labour agreement
- ☐ law/legal requirement
- ☐ federal government
- ☐ branch of industry
- ☐ other, please specify……
- ☐ I don't know

12e How are the additional *other requirements* established/laid down?

- ☐ collective labour agreement
- ☐ law/legal requirement
- ☐ federal government
- ☐ branch of industry
- ☐ other, please specify……
- ☐ I don't know

13 When can people start working in this occupation?

- ☐ Immediately after completing formal education
- ☐ Via in-company dual-learning trajectories after completing formal education
- ☐ Via apprenticeships
- ☐ Other, namely……
- ☐ I don't know

14 How long does it generally take, after completing the required formal education, to become competent in this occupation?

- ☐ Up to 1 week
- ☐ 1 week – 1 month
- ☐ 1 – 3 months
- ☐ 3 – 6 months
- ☐ 6 months – 1 year
- ☐ 1 – 5 years
- ☐ ≥ 5 years
- ☐ I don't know

15 How often do people working in this occupation have to update their knowledge and skills?

☐ Never ☐ Yearly ☐ Monthly ☐ Weekly ☐ Daily ☐ I don't know

16 We want to know more about the transferability of skills. Therefore, we would like to know the relevance of the competencies mentioned below for this occupation.[13]

		Not at all important	Of some importance	Of major importance	I don't know
A	Initiating action	☐	☐	☐	☐
B	Instructing co-workers	☐	☐	☐	☐
C	Supervising	☐	☐	☐	☐
D	Co-operating with colleagues	☐	☐	☐	☐
E	Communicating	☐	☐	☐	☐
F	Relating and networking	☐	☐	☐	☐
G	Negotiating	☐	☐	☐	☐
H	Reporting	☐	☐	☐	☐
I	Applying know-how, professional expertise	☐	☐	☐	☐
J	Problem solving	☐	☐	☐	☐
K	Developing new procedures and working methods	☐	☐	☐	☐
L	Forming strategies	☐	☐	☐	☐
M	Planning and organising	☐	☐	☐	☐
N	Following instructions and procedures	☐	☐	☐	☐
O	Dealing with contingencies	☐	☐	☐	☐
P	Coping with stressful situations	☐	☐	☐	☐
Q	Commercial thinking	☐	☐	☐	☐

17 Are you familiar with the European Qualification Framework?

☐ Yes → *go to question 18* ☐ No → *go to question 21*

[13] The list of competencies is based on the SHL Competency Framework (Bartram, D. (2005). The great eight competencies: A criterion-centric approach to validation. *Journal of Applied Psychology*, 90 (6): 1185-1203).

18 Which of the following descriptions characterises the level of knowledge of this occupation best?[14] Tick one box only. *If you do not know the answer to this question, you can select the box 'I don't know'.*

This occupation requires:

- ☐ … basic general knowledge
- ☐ … basic factual knowledge of a field of work
- ☐ … knowledge of facts, principles, processes and general concepts, in a field of work
- ☐ … factual and theoretical knowledge in broad contexts within a field of work
- ☐ … comprehensive, specialised, factual and theoretical knowledge within a field of work and an awareness of the boundaries of that knowledge
- ☐ …. advanced knowledge of a field of work, involving a critical understanding of theories and principles
- ☐ … highly specialised knowledge of a field of work and critical awareness of knowledge issues in a field and at the interface between different fields
- ☐ … knowledge at the most advanced frontier of a field of work and at the interface between fields
- ☐ I don't know

19 Which of the following descriptions characterises the skill level of this occupation best?[15] Tick one box only. *If you do not know the answer to this question, you can select the box 'I don't know'.*

Definition:

Cognitive skills: use of logical, intuitive and creative thinking

Practical skills: involving manual dexterity and the use of methods, materials, tools and instruments

This occupation requires:

- ☐ … basic skills required to carry out simple tasks
- ☐ … basic cognitive and practical skills required to use relevant information in order to carry out tasks and to solve routine problems using simple rules and tools
- ☐ … a range of cognitive and practical skills required to accomplish tasks and solve problems by selecting and applying basic methods, tools, materials and information
- ☐ … a range of cognitive and practical skills required to generate solutions to specific problems in a field of work
- ☐ … a comprehensive range of cognitive and practical skills required to develop creative solutions to abstract problems
- ☐ … advanced skills, demonstrating mastery and innovation, required to solve complex and unpredictable problems in a specialised field of work
- ☐ … specialised problem-solving skills required in research and/or innovation in order to develop new knowledge and procedures and to integrate knowledge from different fields
- ☐ … the most advanced and specialised skills an techniques, including synthesis and evaluation, required to solve critical problems in research and/or innovation and to extend and redefine existing knowledge or professional practice

[14] This question is based on the European Qualification Framework.
[15] This question is based on the European Qualification Framework.

☐ I don't know

20 Which of the following descriptions characterises the level of responsibility and autonomy of this occupation best?[16] Tick one box only. *If you do not know the answer to this question, you can select the box 'I don't know'.*

This occupation involves:

☐ … working under direct supervision in a structured context

☐ … working under supervision with some autonomy

☐ … taking responsibility for completion of tasks and adapting own behaviour to circumstances in solving problems

☐ … exercising self-management within the guidelines of work contexts that are usually predictable, but are subject to change and supervising the routine work of others, taking some responsibility for the evaluation and improvement of work activities

☐ … exercising management and supervision in work contexts where there is unpredictable change and review and develop performance of self and others

☐ … managing complex technical or professional activities or projects, taking responsibility for decision-making in unpredictable work contexts and taking responsibility for managing professional development of individuals and groups

☐ … managing and transforming work contexts that are complex, unpredictable and require new strategic approaches and taking responsibility for contributing to professional knowledge and practice and/or for reviewing the strategic performance of teams

☐ … demonstrating substantial authority, innovation, autonomy, scholarly and professional integrity and sustained commitment to the development of new ideas or processes at the forefront of work contexts including research

☐ I don't know

We now want to ask some questions about expected changes and developments in the occupation.

21 Do you expect the content of this occupation to change within the next 5 years?

☐ Yes, in the following way:……

……..

☐ No

☐ I don't know

22 Do you expect the educational requirements for this occupation to change within the next 5 years?

☐ Yes, in the following way: ….……

……..

☐ No

☐ I don't know

[16] This question is based on the European Qualification Framework.

23 Do you expect the size of this occupation (how many people are working in the occupation) to decline, increase or remain stable in the next 5 years?

- ☐ Declining occupation size
- ☐ Stable occupation size
- ☐ Increasing occupation size
- ☐ I don't know

24 In your country, is the occupation typically performed in: (you can mark more than 1 box)

- ☐ Small organisations and firms (≤ 10 employees)
- ☐ Medium-sized organisations and firms (11 – 100 employees)
- ☐ Large organisations and firms (> 100 employees)
- ☐ I don't know

25 In your country, is this occupation typically carried out in the public or private sector?

- ☐ Public sector
- ☐ Private sector
- ☐ Both
- ☐ I don't know

26 Is the information provided in this questionnaire validated by an expert?

- ☐ Yes
- ☐ No

Thanks very much for your time and effort!!!

27 Do you have any additional comments?

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