

## UK Shortage Occupation List

<b>UK list: SOC code and description</b>	<b>Job titles included on the UK Shortage Occupation List and further criteria</b>
Production managers and directors in mining and energy (1123)	<p>ONLY the following jobs in this occupation code:</p> <ul style="list-style-type: none"> <li>· The following jobs in the decommissioning and waste management areas of the nuclear industry:               <ul style="list-style-type: none"> <li>- managing director</li> <li>- programme director</li> <li>- site director</li> </ul> </li> <li>· The following jobs in the electricity transmission and distribution industry:               <ul style="list-style-type: none"> <li>- project manager</li> <li>- site manager</li> </ul> </li> </ul>
2112 Biological scientists and biochemists	<p>ONLY the following job in this occupation code:</p> <ul style="list-style-type: none"> <li>· clinical neurophysiologist</li> </ul>
2113 Physical Scientists	<p>ONLY the following jobs in this occupation code:</p> <ul style="list-style-type: none"> <li>· the following jobs in the construction-related ground engineering industry:               <ul style="list-style-type: none"> <li>- engineering geologist</li> <li>- hydrogeologist</li> <li>- geophysicist</li> </ul> </li> <li>· the following jobs in the oil and gas industry:               <ul style="list-style-type: none"> <li>- geophysicist</li> <li>- geoscientist</li> <li>- geologist</li> <li>- geochemist</li> </ul> </li> <li>· technical services manager in the decommissioning and waste areas of the nuclear industry</li> <li>· nuclear medicine scientist</li> <li>· radiotherapy physicist</li> <li>· senior resource geologist and staff geologist in the mining sector</li> </ul>
2119 Natural and social science professionals not elsewhere classified	<p>ONLY the following jobs in this occupation code:</p> <ul style="list-style-type: none"> <li>· informatician</li> <li>· bio-informatician</li> </ul>

2121 Civil engineers	<p>ONLY the following jobs in this occupation code:</p> <ul style="list-style-type: none"> <li>• the following jobs in the construction-related ground engineering industry: <ul style="list-style-type: none"> <li>- geotechnical engineer</li> <li>- tunnelling engineer</li> </ul> </li> <li>• the following jobs in the oil and gas industry: <ul style="list-style-type: none"> <li>- petroleum engineer</li> <li>- drilling engineer</li> <li>- completions engineer</li> <li>- fluids engineer</li> <li>- reservoir engineer</li> <li>- offshore and subsea engineer</li> <li>- control and instrument engineer</li> <li>- process safety engineer</li> <li>- wells engineer</li> </ul> </li> <li>• senior mining engineer in the mining sector</li> </ul>
2122 Mechanical engineers	<p>ONLY the following job in this occupation code:</p> <ul style="list-style-type: none"> <li>• mechanical engineer in the oil and gas industry</li> </ul>
2123 Electrical engineers	<p>ONLY the following jobs in this occupation code:- electrical engineer in the oil and gas industry· the following jobs in the electricity transmission and distribution industry:- power system engineer- control engineer- protection engineer· the following jobs in the aerospace industry:- electrical machine design engineer- power electronics engineer</p>

2124 Electronics Engineers	<p>ONLY the following jobs in this occupation code:</p> <ul style="list-style-type: none"> <li>• the following jobs in the railway industry: <ul style="list-style-type: none"> <li>- signalling design manager</li> <li>- signalling design engineer</li> <li>- signalling principles designer</li> <li>- senior signalling design checker</li> <li>- signalling design checker</li> <li>- signalling systems engineer</li> </ul> </li> <li>• specialist electronics engineer in the automotive manufacturing and design industry</li> </ul>
2126 Design and development engineers	<p>ONLY the following jobs in this occupation code:</p> <ul style="list-style-type: none"> <li>· design engineer in the electricity transmission and distribution industry</li> <li>· the following jobs in the automotive design and manufacturing industry: <ul style="list-style-type: none"> <li>- product development engineer</li> <li>- product design engineer</li> </ul> </li> <li>· the following jobs in the electronics system industry: <ul style="list-style-type: none"> <li>- integrated circuit design engineer</li> <li>- integrated circuit test engineer</li> </ul> </li> </ul>
2127 Production and process engineers	<p>ONLY the following jobs in this occupation code:</p> <ul style="list-style-type: none"> <li>· chemical engineer</li> <li>· manufacturing engineer (process planning) in the aerospace industry</li> <li>· technical services representative in the decommissioning and waste areas of the nuclear industry</li> </ul>

<p>2129 Engineering professionals not elsewhere classified</p>	<p>ONLY the following jobs in this occupation code:</p> <ul style="list-style-type: none"> <li>· the following jobs in the electricity transmission and distribution industry: <ul style="list-style-type: none"> <li>- project engineer</li> <li>- proposals engineer</li> </ul> </li> <li>· the following jobs in the aerospace industry: <ul style="list-style-type: none"> <li>- aerothermal engineer</li> <li>- stress engineer</li> <li>- chief of engineering</li> <li>- advance tool and fixturing engineer</li> </ul> </li> <li>· the following jobs in the decommissioning and waste management areas of the civil nuclear industry: <ul style="list-style-type: none"> <li>- operations manager</li> <li>- decommissioning specialist manager</li> <li>- project/planning engineer</li> <li>- radioactive waste manager</li> <li>- radiological protection advisor</li> </ul> </li> <li>· The following jobs in the civil nuclear industry: <ul style="list-style-type: none"> <li>- nuclear safety case engineer</li> <li>- mechanical design engineer (pressure vessels)</li> <li>- piping design engineer</li> <li>- mechanical design engineer (stress)</li> <li>- thermofluids/process engineer</li> </ul> </li> </ul>
<p>2135 IT Business analysts, architects and systems designers</p>	<p>ONLY the following jobs in this occupation code:· systems engineer in visual effects and 2D/3D computer animation for the film, television or video games sectors</p>
<p>2136 Programmers and software development professionals</p>	<p>ONLY the following jobs in this occupation code:</p> <ul style="list-style-type: none"> <li>· the following jobs in visual effects and 2D/3D computer animation for the film, television or video games sectors: <ul style="list-style-type: none"> <li>- software developer</li> <li>- shader writer</li> <li>- games designer</li> </ul> </li> <li>· the following jobs in the electronics system industry: <ul style="list-style-type: none"> <li>- driver developer</li> <li>- embedded communications engineer</li> </ul> </li> </ul>

2142 Environmental Professionals	<p>ONLY the following jobs in this occupation code:</p> <ul style="list-style-type: none"> <li>· the following jobs in the construction-related ground engineering industry: <ul style="list-style-type: none"> <li>- contaminated land specialist</li> <li>- geoenvironmental specialist</li> <li>- landfill engineer</li> </ul> </li> </ul>
2211 Medical practitioners	<p>ONLY the following jobs in this occupation code:</p> <ul style="list-style-type: none"> <li>• consultant in the following specialities: <ul style="list-style-type: none"> <li>- emergency medicine</li> <li>- haematology</li> <li>- old age psychiatry</li> </ul> </li> <li>• non-consultant, non-training, medical staff post in the following specialities: <ul style="list-style-type: none"> <li>- anaesthetics</li> <li>- general medicine specialities delivering acute care services (intensive care medicine, general internal medicine (acute), emergency medicine (including specialist doctors working in accident and emergency))</li> <li>- rehabilitation medicine</li> <li>- psychiatry</li> </ul> </li> </ul>
2217 Medical Radiographers	<p>ONLY the following jobs in this occupation code:</p> <ul style="list-style-type: none"> <li>· HPC registered diagnostic radiographer</li> <li>· HPC registered therapeutic radiographer</li> <li>· sonographer</li> </ul> <p>Sponsors must retain evidence of the individual's HPC registration and provide this to the UK Border Agency on request. (Registration may need to be done after the individual has entered the United Kingdom but must be done before starting work).</p>
2231 Nurses	<p>ONLY the following job in this occupation code:</p> <ul style="list-style-type: none"> <li>· specialist nurse working in neonatal intensive care units</li> </ul> <p>Sponsors must retain evidence of the individual's provisional / full NMC registration and provide this to the UK Border Agency on request.</p>
2314 Secondary education teaching professionals	<p>ONLY the following jobs in this occupation code:</p> <ul style="list-style-type: none"> <li>• secondary education teachers in the subjects of maths and science (chemistry and physics only)</li> </ul>
2442 Social workers	<p>ONLY the following jobs in this occupation code:</p> <ul style="list-style-type: none"> <li>· social worker working in children's and family services</li> </ul>

2461 Quality control and planning engineers	<p>ONLY the following jobs in this occupation code:</p> <ul style="list-style-type: none"> <li>· the following jobs in the electricity transmission and distribution industry: <ul style="list-style-type: none"> <li>- planning / development engineer</li> <li>- quality, health, safety and environment (QHSE) engineer</li> </ul> </li> </ul>
3113 Engineering technicians	<p>ONLY the following jobs in this occupation code:</p> <ul style="list-style-type: none"> <li>· the following jobs in the electricity transmission and distribution industry: <ul style="list-style-type: none"> <li>- commissioning engineer</li> <li>- substation electrical engineer</li> </ul> </li> </ul>
3218 Medical and dental technicians	<p>ONLY the following jobs in this occupation code: • nuclear medicine technologist • radiotherapy technologist</p>
3411 Artist	<p>ONLY the following jobs in this occupation code:</p> <ul style="list-style-type: none"> <li>· Animator in visual effects and 2D/3D computer animation for the film, television or video games sectors</li> </ul>
3414 Dancers and choreographers	<p>ONLY the following jobs in this occupation code:</p> <ul style="list-style-type: none"> <li>• skilled classical ballet dancers who meet the standard required by internationally recognised United Kingdom ballet companies (e.g. Birmingham Royal Ballet, English National Ballet, Northern Ballet Theatre, The Royal Ballet and Scottish Ballet). The company must either: <ul style="list-style-type: none"> <li>- have performed at or been invited to perform at venues of the calibre of the Royal Opera House, Sadler's Wells or Barbican, either in the United Kingdom or overseas; or</li> <li>- attract dancers and/or choreographers and other artists from other countries; or</li> <li>- be endorsed as being internationally recognised by a United Kingdom industry body such as the Arts Councils (of England, Scotland and/or Wales)</li> </ul> </li> <li>• skilled contemporary dancers who meet the standard required by internationally recognised United Kingdom contemporary dance companies (e.g. Shobana Jeyasingh Dance Company, Scottish Dance Theatre and Rambert Dance Company). The company must either: <ul style="list-style-type: none"> <li>- have performed at or been invited to perform at venues of the calibre of Sadler's Wells, the Southbank Centre or The Place, either in the United Kingdom or overseas; or</li> <li>- attract dancers and/or choreographers and other artists from all over the world; or</li> <li>- be endorsed as being internationally recognised by a United Kingdom industry body such as the Arts Councils (of England, Scotland and/or Wales)</li> </ul> </li> </ul>

3415 Musicians	<p>ONLY the following jobs in this occupation code:</p> <ul style="list-style-type: none"> <li>· skilled orchestral musicians who are leaders, principals, sub-principals or numbered string positions, and who meet the standard required by internationally recognised UK orchestras (including London Symphony Orchestra, London Philharmonic Orchestra, Philharmonia Orchestra and Royal Philharmonic Orchestra)</li> </ul>
3416 Arts officers, producers and directors	<p>ONLY the following jobs in this occupation code:</p> <ul style="list-style-type: none"> <li>· the following jobs in visual effects and 2D/3D computer animation for the film, television or video games sectors: <ul style="list-style-type: none"> <li>- 2D supervisor</li> <li>- 3D supervisor</li> <li>- computer graphics supervisor</li> <li>- producer</li> <li>- production manager</li> <li>- technical director</li> <li>- visual effects supervisor</li> </ul> </li> </ul>
3421 Graphic designers	<p>ONLY the following jobs in this occupation code:</p> <ul style="list-style-type: none"> <li>· the following jobs in visual effects and 2D/3D computer animation for the film, television or video games sectors: <ul style="list-style-type: none"> <li>- compositing artist</li> <li>- matte painter</li> <li>- modeller</li> <li>- rigger</li> <li>- stereo artist</li> <li>- texture artist</li> </ul> </li> </ul>
3541 Buyers and purchasing officers	<p>ONLY the following job in this occupation code:</p> <ul style="list-style-type: none"> <li>· manufacturing engineer (purchasing) in the aerospace industry</li> </ul>

5215 Welding trades	<p>ONLY the following job in this occupation code: • high integrity pipe welder where the job requires three or more years' related on-the-job experience Sponsors must retain references from the individual's past employer(s) detailing three or more years' related on-the-job experience and provide these to the UK Border Agency on request. Sponsors must also retain relevant evidence to enable them to justify the following: 1) - Why does the job require someone with three or more years' related on-the-job experience? What elements of the job require this experience and why? 2) - Why could the job not be carried out to the required standard by someone with less experience? 3) - How would you expect a settled worker to gain this experience before being appointed to the post?</p>
5235 Aircraft maintenance and related trades	<p>ONLY the following jobs in this occupation code:  • licensed and military certifying engineer/inspector technician</p>
5249 Line repairers and cable jointers	<p>ONLY the following job in this occupation code:  • overhead linesworker, working on high voltage lines that carry at least 275,000 volts</p>



5434 Chefs	<p>ONLY the following job in this occupation code:</p> <ul style="list-style-type: none"> <li>• skilled chef where: <ul style="list-style-type: none"> <li>- the pay is at least £29,570 per year after deductions for accommodation, meals etc; and</li> <li>- the job requires five or more years relevant experience in a role of at least equivalent status to the one they are entering; and</li> <li>- the job is not in either a fast food outlet, a standard fare outlet, or an establishment which provides a take-away service; and</li> <li>- the job is in one of the following roles: <ul style="list-style-type: none"> <li>o executive chef – limited to one per establishment</li> <li>o head chef – limited to one per establishment</li> <li>o sous chef – limited to one for every four kitchen staff per establishment</li> <li>o specialist chef – limited to one per speciality per establishment</li> </ul> </li> </ul> </li> </ul> <p>A fast food outlet is one where food is prepared in bulk for speed of service, rather than to individual order.</p> <p>A standard fare outlet is one where the menu is designed centrally for outlets in a chain / franchise, rather than by a chef or chefs in the individual restaurant. Standard fare outlets also include those where dishes and / or cooking sauces are bought in ready-made, rather than prepared from fresh / raw ingredients.</p> <p>Sponsors must retain references from the individual's past employer(s) detailing five or more years' relevant experience in a role of at least equivalent status and provide these to the UK Border Agency on request.</p> <p>Sponsors must also retain relevant evidence to enable them to justify the following:</p> <ol style="list-style-type: none"> <li>1) - Why does the job require someone with at least five years' previous experience in a role of at least equivalent status? What elements of the job require this experience and why?</li> <li>2) - Why could the job not be carried out to the required standard by someone with less experience?</li> <li>3) - How would you expect a settled worker to gain this experience before being appointed to the post?</li> </ol>
<b>Scotland list: SOC code and description</b>	<b>Job titles included on the Scotland Shortage Occupation List and further criteria</b>
N/A	ALL job titles and occupations on the UK shortage occupation list
2113 Physical scientists	<p>ONLY the following jobs in this occupation code:</p> <ul style="list-style-type: none"> <li>· jobs on the UK Shortage Occupation List</li> <li>· staff working in diagnostics radiology (including magnetic resonance imaging)</li> </ul>

2211 Medical practitioners	ONLY the following jobs in this occupation code: <ul style="list-style-type: none"><li>· jobs on the UK Shortage Occupation List</li><li>· ST3, ST4, ST5 and ST6 trainees in paediatrics or anaesthetics</li><li>· SAS staff doctors in paediatrics or anaesthetics</li><li>· consultants in paediatrics or anaesthetics</li><li>· non-consultant, non-training doctors in the specialty obstetrics and gynaecology</li></ul>
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