

Major Group 7:

CRAFT AND RELATED TRADES WORKERS

Craft and related trades workers apply their specific knowledge and skills in the fields of mining and construction, form metal, erect metal structures, make, fit, maintain and repair machinery, equipment or tools, carry out printing work as well as produce or process foodstuffs, textiles, or wooden, metal and other articles.

The work is carried out by hand and by hand-powered and other tools which are used to reduce the amount of physical effort and time required for specific tasks, as well as to improve the quality of the products. The tasks call for an understanding of all stages of the production process, the materials and tools used, and the nature and purpose of the final product. Most occupations in this major group require skills at the second skill level.

This major group consists of the following sub-major groups:

- 71 BUILDING AND RELATED TRADES WORKERS, EXCLUDING ELECTRICIANS**
- 72 METAL, MACHINERY AND RELATED TRADES WORKERS**
- 73 HANDICRAFT AND PRINTING WORKERS**
- 74 ELECTRICAL AND ELECTRONIC TRADES WORKERS**
- 75 FOOD PROCESSING, WOODWORKING, GARMENT AND OTHER CRAFT AND RELATED TRADES WORKERS**

71 BUILDING AND RELATED TRADES WORKERS, EXCLUDING ELECTRICIANS

Building and related trades workers construct, maintain and repair buildings, erect and repair foundations, walls and structures of brick, stone and similar materials, shape and finish stone for building and other purposes, and extract and work solid minerals from underground or surface mines or quarries.

The work is carried out by hand and by hand-powered and other tools which are used to reduce the amount of physical effort and time required for specific tasks, as well as to improve the quality of the products. The tasks call for an understanding of the work organization, the materials and tools used, and the nature and purpose of the final product.

This sub-major group consists of the following minor groups:

- 711 BUILDING FRAME AND RELATED TRADES WORKERS**
- 712 BUILDING FINISHERS AND RELATED TRADES WORKERS**
- 713 PAINTERS, BUILDING STRUCTURE CLEANERS AND RELATED TRADES WORKERS**

711 BUILDING FRAME AND RELATED TRADES WORKERS

Building frame and related trades workers construct, maintain and repair buildings, erect and repair foundations, walls and structures of brick, stone and similar materials, shape and finish

stone for building and other purposes, and perform miscellaneous construction and building maintenance tasks.

7111 HOUSE BUILDERS

House builders erect, maintain and repair houses and similar small buildings using either traditional or modern techniques and materials.

Tasks include:

- preparing ground for erecting building or other structures;
- erecting structures to support roof, and building and covering walls with appropriate materials;
- fixing rafters to roof and covering with roofing material;
- leveling floor to make it smooth and serviceable;
- maintaining and repairing existing structures;
- arranging for specialized work such as bricklaying, painting, plumbing and electrical wiring to be done by subcontractors;
- performing related tasks.

Examples of the occupations classified here :

71111 *Builder, house/traditional materials*

71112 *Builder*

7112 BRICKLAYERS AND RELATED WORKERS

Bricklayers and related workers lay bricks, pre-cut stones and other types of building blocks in mortar to construct and repair walls, partitions, arches and other structures.

Tasks include:

- laying stone, brick and similar building blocks to construct or repair walls, partitions, fireplaces and other structures such as smokestacks, furnaces, converters, kilns and ovens, piers and abutments;
- laying footpaths, kerbs and pavements;
- laying bricks or other masonry to build patios, garden walls and other decorative installations;
- performing related tasks.

Examples of the occupations classified here:

71121 *Bricklayers, construction*

71122 *Stonemason, construction*

71123 *Firebrick, layer*

71124 *Paviour*

71125 *Worker, brickwork*

7113 STONEMASONS, STONE CUTTERS, SPLITTERS AND CARVERS

Stonemasons, stone cutters, splitters and carvers cut and shape hard and soft stone blocks and slabs for the construction and maintenance of stone structures and monumental masonry, and carve designs and figures in stone.

Tasks include:

- driving wedges into quarried stone to break it into slabs or blocks;
- selecting and grading slabs and blocks of granite, marble, and other stone;
- cutting, shaping and finishing building and monumental stone such as granite or marble by using hand or hand-powered tools;
- making patterns and marking shapes on stone for subsequent sawing, planing, drilling and other dressing and cutting operations;
- cutting and carving characters, figures or designs on stone blocks used for monuments or memorials;
- setting stone in the erection of monuments and memorials;
- repairing and replacing stonework on old buildings, churches and monuments;
- performing related tasks.

Examples of the occupations classified here:

- 71131 Splitter, stone**
- 71132 Cutter and finisher, stone**
- 71133 Grader, stone**
- 71134 Carver, stone**
- 71135 Stonework layout man**
- 71136 Grinder, stone**
- 71137 Carver-setter, monument**
- 71138 Polisher, stone**

7114 CONCRETE PLACERS, CONCRETE FINISHERS AND RELATED WORKERS

Concrete placers, concrete finishers and related workers erect reinforced concrete frameworks and structures, make forms for moulding concrete, reinforce concrete surfaces, cement openings in walls or casings for wells, finish and repair cement surfaces and carry out terrazzo work.

Tasks include:

- constructing and repairing reinforced concrete floors, walls, tanks, silos and other concrete structures;
- making shuttering or assembling prefabricated forms for moulding concrete;
- cementing openings in walls or casings for wells;
- finishing and smoothing surfaces of concrete structures;
- applying a durable, smooth surfacing composed of cement, sand pigment and marble particles to floors, known as a terrazzo finish;
- performing related tasks.

Examples of the occupations classified here:

- 71141 Reinforced concrete worker**
- 71142 Shutterer, concrete**
- 71143 Steel bender**
- 71144 Finisher, cement**
- 71145 Cementer, petroleum and gas wells**
- 71146 Mixer, concrete**

7115 CARPENTERS AND JOINERS

Carpenters and joiners cut, shape, assemble, erect, maintain and repair various types of wooden structures and fittings.

Tasks include:

- making, altering and repairing structural and other woodwork at a work-bench and on a construction site;
- fitting, assembling and altering internal and external fixtures of buildings, such as walls, doors, door and window frames, facings and panelling;
- making, repairing and fitting scenic equipment for theatrical performances, motion picture or television productions;
- constructing, assembling, altering and repairing wooden fixtures and fittings in train coaches, aircraft, ships, boats, floats, and other vehicles;
- performing related tasks;

Examples of the occupations classified here:

- 71151** *Carpenter*
- 71152** *Carpenter, construction*
- 71153** *Joiner, construction*
- 71154** *Joiner, ship*
- 71155** *Boat builder, wood*
- 71156** *Joiner, aircraft*
- 71157** *Carpenter, stage and studio*
- 71158** *Carpenter, table*

7119 BUILDING FRAME AND RELATED TRADES WORKERS NOT ELSEWHERE CLASSIFIED

This unit group covers building frame and related trades workers not classified elsewhere in Minor Group 711: Building Frame and Related Trades Workers.

Tasks include:

- performing miscellaneous construction and building maintenance work on structures such as office buildings, apartment houses, factories and similar establishments in good repair;
- erecting temporary metal or wooden scaffolding on building sites;
- demolishing buildings and other structures;
- performing related tasks.

Examples of the occupations classified here:

- 71191** *Worker, building maintenance*
- 71192** *Layer, pipe and drain*
- 71193** *Scaffolder*
- 71194** *Worker, demolition*
- 71195** *Erector, billboard*
- 71196** *Steeplejack*

712 BUILDING FINISHERS AND RELATED TRADES WORKERS

Building finishers and related trades workers cover, apply or install, maintain and repair roofs, floors, walls, insulation systems, glass in windows or other frames, as well as plumbing, piping and electrical systems in buildings and other structures.

7121 ROOFERS

Roofers build and repair roofs on all types of buildings using one or more kinds of materials.

Tasks include:

- studying drawings, specifications and construction sites to determine materials required;
- covering roof frameworks with slate and pre-fabricated tiles to cover pitched roofs;
- laying a waterproof shield and fixing metallic or synthetic materials to a building's frame;
- sizing and cutting roofing materials to fit around edges corners and protuberances such as chimney;
- using natural materials such as thatching to provide roof coverings;
- creating temporary structures such as scaffolding and ladders.

Examples of the occupations classified here:

- 71211 Thatcher**
- 71212 Roofer, composition**
- 71213 Roofer, asphalt**
- 71214 Roofer, metal**
- 71215 Roofer, slate and tile**
- 71216 Roofer, wood-shingle**
- 71217 Awning installer**

7122 FLOOR LAYERS AND TILE SETTERS

Floor layers and tile setters install, maintain and repair flooring, and cover floors, walls and other surfaces with tiles or mosaic panels for decorative or other purposes.

Tasks include:

- preparing floor areas for covering with a variety of materials;
- assembling carpet, tiles or other materials and laying them on floors according to design and other specifications;
- preparing wall areas for covering with tiles or other materials for decorative or other purposes such as acoustic insulation;
- setting tiles and constructing and laying mosaic panels to walls, floors and other surfaces;
- performing related tasks.

Examples of the occupations classified here:

- 71221 Setter, tile**
- 71222 Setter, marble**
- 71223 Worker, parquetry**
- 71224 Cutter-setter, mosaic**
- 71225 Layer, tile/composition**

7123 PLASTERERS

Plasterers install, maintain and repair plasterboard in buildings, and apply decorative and protective coverings of plaster, cement and similar material to the interiors and exteriors of structures.

Tasks include:

- applying one or more coats of plaster to interior walls and ceilings of buildings to produce finished surface;
- measuring, marking and installing ornamental plaster panels, and casting and trimming ornamental plaster cornices;
- applying protective and decorative covering of cement, plaster and similar materials to exterior building surfaces;
- making and installing decorative plaster fixtures of fibrous plaster;
- performing related tasks.

Examples of the occupations classified here:

- 71231 *Plasterer***
- 71232 *Plasterer, stucco***
- 71233 *Plasterer, fibrous***
- 71234 *Plasterer, ornamental***

7124 INSULATION WORKERS

Insulation workers apply and repair insulating materials to buildings, boilers, pipes or refrigeration and air-conditioning equipment.

Tasks include:

- cutting insulation material by size and shape;
- applying slabs and sheets of insulating or sound-absorbing materials to walls, floors and ceilings of buildings;
- blow and pack insulating or sound-absorbing materials into cavities between walls, floors and ceilings of buildings with power-driven machines;
- examining plans, specifications and work sites to determine the type, quality and quantity of insulation material required;
- applying insulating materials to exposed surfaces of equipment such as boilers, pipes and tanks;
- insulating refrigeration and air-conditioning equipment;
- performing related tasks.

Examples of the occupations classified here:

- 71241 *Insulator, building***
- 71242 *Insulator, boiler and pipe***
- 71243 *Insulator, acoustical***
- 71244 *Insulator, refrigeration and air-conditioning equipment***
- 71245 *Insulation worker, sound-proofing***

7125 GLAZIERS

Glaziers measure, cut, finish, fit and install flat glass and mirrors.

Tasks include:

- selecting the type of glass to be used, cutting to right size and shape and installing in windows, doors, showers and partitions of buildings;
- installing glass and mirrors in skylights, display cases, interior walls and ceilings;
- installing or replacing windscreens in vehicles or boats;
- creating decorative glass features such as glass walls, staircases, balustrades and stained-glass windows;
- performing related tasks.

Examples of the occupations classified here:

- 71251** *Glazier, building*
- 71252** *Glazier, vehicle*
- 71253** *Glazier, leaded-glass*
- 71254** *Glazier, patent roofing*
- 71255** *Glazier, plate-glass*

7126 PLUMBERS AND PIPE FITTERS

Plumbers and pipe fitters assemble, install, repair and maintain pipe systems, fittings and fixtures for water, gas, drainage, sewerage systems, and hydraulic and pneumatic equipment.

Tasks include:

- measuring, cutting, threading, bending, jointing, assembling, installing, maintaining and repairing pipes, fittings and fixtures of drainage, heating, water supply and sewerage systems;
- installing gas appliances, dishwashers and water heaters, sinks and toilets using hand and power tools;
- laying clay, concrete or cast-iron pipes in ditches to form sewers, drains or water mains, or for other purposes;
- inspecting, examining and testing installed systems and pipes, using pressure gauge, hydrostatic testing, observation or other methods;
- performing related tasks.

Examples of the occupations classified here:

- 71261** *Plumber*
- 71262** *Fitter, pipe*
- 71263** *Tradesman K1 R17*
- 71264** *Tradesman K2 R11*
- 71265** *Tradesman K3 R9*
- 71266** *Digger, well*

7127 AIR CONDITIONING AND REFRIGERATION MECHANICS

Air conditioning and refrigeration mechanics assemble, install, maintain and repair air conditioning and refrigeration systems and equipment.

Tasks include:

- interpreting blueprints, drawings or other specifications;
- assembling, installing and repairing components for air conditioning and refrigeration systems;
- connecting piping and equipment by bolting, riveting, welding or brazing;
- testing systems, diagnosing faults and performing routine maintenance or servicing;
- performing related tasks.

713 PAINTERS, BUILDING STRUCTURE CLEANERS AND RELATED TRADES WORKERS

Painters, building structure cleaners and related trades workers prepare surfaces and apply paint and similar materials to buildings and other structures, vehicles or various manufactured articles. They cover interior walls and ceilings with wallpaper, clean chimneys and exterior surfaces of buildings and other structures.

7131 PAINTERS AND RELATED WORKERS

Painters and related workers prepare surfaces of buildings and other structures for painting, apply protective and decorative coats of paint or similar materials, or cover interior walls and ceilings of buildings with wallpaper or other finishes.

Tasks include:

- cleaning and preparing walls and other surfaces of buildings for painting or wallpapering;
- selecting and preparing paints to required colours by mixing pigments and additives;
- applying or spraying paint, varnish, and similar materials to surfaces, fixtures and fittings of buildings;
- measuring and hanging wallpaper or other fabrics on interior walls and ceilings;
- applying paints, varnishes and stains to surfaces using brushes, rollers and sprays;
- performing related tasks.

Examples of the occupations classified here:

- 71311 Painter, building**
- 71312 Painter, metal structure**
- 71313 Wall/ceiling paperhanger**
- 71314 Whitewasher**

7132 SPRAY PAINTERS AND VARNISHERS

Spray painters and varnishers operate spray painting and varnishing equipment to apply protective coatings to manufactured items or structures.

Tasks include:

- preparing surfaces to be coated using a variety of methods to remove grease, dirt and rust;
- painting cars, buses, trucks and other vehicles, and applying varnish and other protective coatings;
- applying paint as well as protective coatings of enamel or varnish on metal, wooden and other manufactured products, usually with a hand-spraying device;
- performing related tasks.

Examples of the occupations classified here:

- 71321** *Spray-painter, metal*
- 71322** *Spray-painter, automobile*
- 71323** *Painter, manufactured articles*
- 71324** *Painter, metal*
- 71325** *Varnisher, manufactured articles*
- 71326** *Varnisher, metal*
- 71327** *Signpainter*
- 71328** *Painter, ship's hull*

7133 BUILDING STRUCTURE CLEANERS

Building structure cleaners clean exterior surfaces of buildings and other structures, and remove soot from chimneys.

Tasks include:

- cleaning exterior surfaces of stone, brick, metal or similar materials by means of chemicals, of a jet of steam or sand applied under great pressure;
- removing soot from flues, chimneys and connecting pipes;
- performing related tasks.

Examples of the occupations classified here:

- 71331** *Cleaner, building exteriors*
- 71332** *Sandblaster, building exteriors*

72 METAL, MACHINERY AND RELATED TRADES WORKERS

Metal, machinery and related trades workers cast, weld, forge and, by other methods, form metal, erect, maintain and repair heavy metal structures, install electrical wiring system, fit, maintain and repair machinery including engines, vehicles, electrical and electronic equipment, or they produce tools and various non-precious-metal articles.

This sub-major group consists of the following minor groups:

- 721 SHEET AND STRUCTURAL METAL WORKERS, MOULDERS AND WELDERS AND RELATED TRADES WORKERS**
- 722 BLACKSMITHS, TOOLMAKERS AND RELATED TRADES WORKERS**
- 723 MACHINERY MECHANICS AND REPAIRERS**

721 SHEET AND STRUCTURAL METAL WORKERS, MOULDERS AND WELDERS AND RELATED TRADES WORKERS

Sheet and structural metal workers, moulders and welders and related trades workers make moulds and cores for casting metal, weld and cut metal parts, make, install and repair articles of sheet metal, install, erect, maintain and repair heavy metal structures, tackle, cable-cars and related equipment, or carry out similar work under water.

7211 METAL MOULDERS AND COREMAKERS

Metal moulders and coremakers make moulds and cores for casting metal.

Tasks include:

- making moulds by hand or by using auxiliary machines on a bench for small metal castings, or on the foundry floor or in a pit for large castings;
- making cores for use in metal moulds;
- performing related tasks.

Examples of the occupations classified here:

72111 Moulder, metal

72112 Core checker, foundry

7212 WELDERS AND FLAME CUTTERS

Welders and flame cutters weld and cut metal parts using gas flame, or an electric arc and other sources of heat to melt and cut, or to melt and fuse metal.

Tasks include:

- welding metal parts using gas flame, or an electric arc, thermite compound or other methods;
- operating resistance-welding machines; using blowtorch to make and repair lead linings, pipes, floors and other lead fixtures;
- brazing metal parts together;
- cutting metal pieces using gas flame or an electric arc;
- joining metal parts by hand soldering;
- performing related tasks.

Examples of the occupations classified here:

72121 Welder

72122 Foreman, welder

72123 Flame cutter

72124 Solderer, metal

72125 Burner, lead

72126 Solderer

72127 Welder, jig

7213 SHEET-METAL WORKERS

Sheet-metal workers make, install and repair articles and parts of articles of sheet metal such as stainless steel, copper, tin, brass, aluminium, zinc or galvanised iron.

Tasks include:

- marking sheet metal for cutting and shaping;
- making and repairing household utensils and other articles in tin, copper and light alloys, or ornamental articles and fittings;
- making and repairing boilers, tanks, vats and similar containers;
- installing and repairing sheet metal parts of vehicles and aircraft;

- performing related tasks.

Examples of the occupations classified here :

72131 *Sheet metal worker*
72132 *Coppersmith*
72133 *Boilerman*
72134 *Brazier*
72135 *Panel beater, aircraft*
72136 *Marker, sheet metal*

7214 STRUCTURAL-METAL PREPARERS AND ERECTORS

Structural-metal preparers and erectors assemble, erect and dismantle structural metal frames of buildings and other structures.

Tasks include:

- marking metal framework as a guide when drilling, cutting, and shaping them for use in buildings, ships and other structures;
- drilling, cutting and shaping structural steel in a workshop;
- erecting steel framework for buildings, bridges and other constructions;
- assembling and erecting the framework and other metal parts of ships' structures;
- shaping and fitting structural-steel plates of ships under construction or repair;
- riveting structural-metal members by hand, machine or pneumatic riveter;
- performing related tasks.

Examples of the occupations classified here :

72141 *Structural steel worker, workshop*
72142 *Erector, constructional steel*
72143 *Plater, ship*
72144 *Riveter*
72145 *Marker, structural metal*
72146 *Shipwright, metal*
72147 *Erector, structural metal*
72148 *Preparer, structural metal*

7215 RIGGERS AND CABLE SPLICERS

Riggers and cable splicers assemble rigging gear to move and position equipment and structural components, or install and maintain cables, ropes and wires on construction sites, buildings or other structures.

Tasks include:

- estimating the size, shape and weight of objects to be moved and deciding on the type of equipment to move them;
- installing and repairing cables, ropes, wires, pulleys and other tackle;
- joining, repairing and fitting attachments to wires, ropes and cables;
- working as member of crew erecting and repairing derricks for drilling water, gas- and oil-wells;

- lifting up scenery and lighting equipment in theatres if installing and maintaining communication towers, aerial cableways, funicular railways, ski lifts and similar infrastructure;
- performing related tasks.

Examples of the occupations classified here:

72151 Rigger, hoisting equipment/construction

72152 Rigger, hoisting equipment

72153 Rigger, logging

72154 Rigger, ship

72155 Rigger, petroleum and gas well drilling

72156 Splicer, rope and cable

72157 Rigger, aircraft

72158 Rigger, railway cable

722 BLACKSMITHS, TOOLMAKERS AND RELATED TRADES WORKERS

Blacksmiths, toolmakers and related trades workers hammer and forge bars, rods or ingots of iron, steel and other metals to make and repair various kinds of tools, equipment and other articles, and polish and sharpen metal surfaces.

7221 BLACKSMITHS, HAMMERSMITHS AND FORGING-PRESS WORKERS

Blacksmiths, hammersmiths and forging-press workers draw wire, hammer and forge bars, rods, ingots and plates of iron, steel or other metals to make and repair various kinds of tools, metal articles, pieces of equipment, agricultural and related implements.

Tasks include:

- heating metal in forge furnace and manufacturing and repairing articles by drawing, bending, cutting, hammering metal on an anvil, punching, shearing, joining and hardening or tempering;
- shaping heated metal into forgings on power hammer equipped with open dies;
- operating closed die-drop hammer to forge metal articles;
- operating a power-press machine equipped with closed dies to forge metal articles;
- performing related tasks.

Examples of the occupations classified here:

72211 Blacksmith

72212 Hammersmith

72213 Operator, drop-hammer

72214 Operator, forging-press

72215 Toolsmith

7222 TOOLMAKERS AND RELATED WORKERS

Toolmakers and related workers make and repair tools, sports guns, locks, dies, patterns and other metal articles, as well as make engines or machinery components, and parts thereof, using hand and machine tools to work metal to fine tolerances.

Tasks include:

- making, maintaining and repairing dies, jigs, gauges and fixtures, using hand tools and various kinds of machine tools;
- making engines or machinery components, and parts there of;
- fitting and assembling parts to make and repair jigs, fixtures and gauges;
- repairing and modifying sports guns and other small arms;
- making, fitting, assembling, repairing and installing lock parts and locks;
- making and repairing metal patterns used in making foundry moulds;
- laying out lines and reference points on metal stock to guide other workers who cut, turn, mill, grind or otherwise shape metal;
- performing related tasks.

Examples of the occupations classified here:

- 72221** *Maker, tool and die*
- 72222** *Pattern-maker, metal foundry*
- 72223** *Maker, jig and fixture*
- 72224** *Marker, metal*
- 72225** *Locksmith*
- 72226** *Gunsmith*

7223 METAL WORKING MACHINE TOOL SETTERS AND OPERATORS

Metal working machine tool setters and operators grind and polish metal surfaces and sharpen tools.

Tasks include:

- operating fixed or portable buffing and polishing machines;
- sharpening cutting tools and instruments using grinding wheel or mechanically operated grinding machines;
- repairing, adjusting and sharpening saw blades and metal teeth of cylinders in textile carding machines;
- grinding crank pins and journals of crankshaft accurately to uniform diameters by special grinding machine and attachments;
- performing related tasks.

Examples of the occupations classified here:

- 72231** *Grinder, metal*
- 72232** *Sharpener, cutting instruments*
- 72233** *Sharpener, machine tools*
- 72234** *Repairer, saw*
- 72235** *Grinder, textile card*
- 72236** *Grinder, crankshaft*
- 72237** *Polisher, metal*
- 72238** *Finisher, metal*

7224 METAL POLISHERS, WHEEL GRINDERS AND TOOL SHARPENERS

Metal polishers, wheel grinders and tool sharpeners grind and polish metal surfaces and sharpen tools.

Tasks include:

- operating fixed or portable buffing and polishing machines;
- sharpening cutting tools and instruments using grinding wheel or mechanically operated grinding machines;
- repairing, adjusting and sharpening saw blades and metal teeth of cylinders in textile carding machines;
- grinding crank pins and journals of crankshaft accurately to uniform diameters by special grinding machine and attachments;
- performing related tasks.

723 MACHINERY MECHANICS AND REPAIRERS

Machinery mechanics and repairers fit, install, service and repair engines, vehicles, agricultural or industrial machinery, and mechanical equipment.

7231 MOTOR VEHICLE MECHANICS AND REPAIRERS

Motor vehicle mechanics and repairers, install, service and repair motor vehicle.

Tasks include:

- fitting, examining, adjusting, dismantling, rebuilding and replacing defective parts of motor vehicles;
- installing or adjusting motors and brakes, and adjusting steering or other parts of motor vehicles;
- performing related tasks.

Examples of the occupations classified here:

- 72311** *Mechanic, earth-moving equipment*
- 72312** *Mechanic, garage*
- 72313** *Mechanic, motor-cycle*
- 72314** *Mechanic, motor vehicle*
- 72315** *Assistant motor vehicle mechanics and repairers*
- 72316** *Workshop, assistant*
- 72317** *Workshop, maintenance worker*
- 72318** *Foreman, vehicle*

7232 AIRCRAFT ENGINE MECHANICS AND REPAIRERS

Aircraft engine mechanics and repairers repair and maintain the operating condition of aircraft engines; includes helicopter engine mechanics.

Tasks include:

- replacing or repairs worn, defective, or damage components, using hand tools, gauges, and testing equipment;
- testing engine operation, using test equipment such as ignition analyzer, compression checker, distributor timer, and ammeter, to identify malfunction;
- listening to operating engine to detect and diagnose malfunctions, such as sticking or burned valves;
- reassembling engine and installs engine in aircraft;

- disassembling and inspects engine parts, such as turbine blades and cylinders, for wear, warping, cracks, and leaks;
- performing related tasks.

Examples of the occupations classified here:

72321 *Mechanic, aircraft engine*

7233 AGRICULTURAL AND INDUSTRIAL MACHINERY MECHANICS AND REPAIRERS

Agricultural and industrial machinery mechanics and repairers, repair, install, adjust, or maintain agricultural, industrial production and processing machinery or refinery and pipeline distribution systems.

Tasks include:

- fitting, examining, testing and servicing vehicle or aircraft engines, agricultural or industrial machinery, and mechanical equipment;
- replacing engine components or complete engines;
- oiling and greasing stationary engines, machinery or vehicles;
- inspecting and testing new machinery and mechanical equipment for conformity with standards and specifications;
- performing related tasks.

Examples of the occupations classified here:

72331 *Mechanic, machinery*

72332 *Filter, machinery*

72333 *Mechanic, office machinery*

72334 *Mechanic, mining machinery*

72335 *Mechanic, marine engine*

72336 *Shipyard*

72337 *Mechanic maintenance, estate/plantation*

7234 BICYCLE AND RELATED REPAIRERS

Bicycle and related repairers, install and adjust speed and gear mechanisms. Assemble new bicycles. Install, repair, and replace equipment or accessories, such as handlebars, stands, lights, and seats. Align wheels. Disassemble axles to repair, adjust, and replace defective parts, using hand tools. Shape replacement parts, using bench grinders. Repair holes in tire tubes, using scrapers and patches. Weld broken or cracked frames together, using oxyacetylene torches and welding rods. Paint bicycle frames, using spray guns or brushes.

Tasks include:

- installing, repairing, and replacing equipment or accessories, such as handlebars, stands, lights, and seats;
- aligning wheels;
- installing and adjusting speed and gear mechanisms;
- disassembling axle to repair, adjust, and replace defective parts, using hand tools;
- repairing holes in tire tubes, using scraper and patch;
- shaping replacement parts using bench grinder;
- assembling new bicycles;
- painting bicycle frame, using spray gun or brush;

- welding broken or cracked frame together, using oxyacetylene torch and welding rods;
- performing related tasks.

73 HANDICRAFT AND PRINTING WORKERS

Handicraft and printing workers make and repair precision instruments, musical instruments, various articles such as jewellery, precious metal ware, ceramics, porcelain ware and glassware or they perform printing or book-binding tasks.

This sub-major group consists of the following minor groups:

- 731 HANDICRAFT WORKERS**
- 732 PRINTING TRADES WORKERS**

731 HANDICRAFT WORKERS

Handicraft workers make and repair precision instruments, musical instruments, jewellery and other articles of precious metals.

7311 PRECISION INSTRUMENT MAKERS AND REPAIRERS

Precision instrument makers and repairers make, repair and calibrate mechanical watches, clocks, nautical, meteorological, optical, surgical, dental, orthopaedic and other precision instruments and equipment.

Tasks include:

- making, adjusting and repairing mechanical watches and clocks;
- making, adjusting and repairing nautical and meteorological instruments and equipment;
- making, adjusting and repairing optical instruments;
- making, adjusting and repairing surgical instruments and other medical equipment;
- making and repairing medical, orthopaedic and dental appliances and prostheses;
- calibrating instruments using standard weights and measures and using hand tools to adjust and align parts and small balancing weights;
- performing related tasks.

Examples of the occupations classified here:

- 73111 *Maker and repairer, instrument/precision***
- 73112 *Maker and repairer, dental prosthesis***
- 73113 *Maker and repairer, orthopedic appliance***
- 73114 *Maker and repairer, watch and clock***
- 73115 *Maker and repairer, instrument/optical***
- 73116 *Maker and repairer, balance***
- 73117 *Maker, barometer***
- 73118 *Maker, instrument/nautical***

7312 MUSICAL INSTRUMENT MAKERS AND TUNERS

Musical instrument makers and tuners make, repair and tune a variety of musical instruments using hand or power tools.

Tasks include:

- making and repairing accordions and stringed and wind instruments;
- building and repairing organ and making parts for such organ;
- making instrumental parts of piano and assembling and repairing such piano;
- tuning piano and other keyboard instruments;
- making and repairing other musical instruments;
- performing related tasks.

Examples of the occupations classified here:

- 73121** *Turner, musical instrument*
- 73122** *Maker, piano*
- 73123** *Maker, drum*
- 73124** *Maker, wood-wind musical instrument*
- 73125** *Maker, metal-wind musical instrument*

7313 JEWELLERY AND PRECIOUS-METAL WORKERS

Jewellery and precious-metal workers make and repair jewellery and precious metal ware, cut and set gems and engrave designs on jewellery and precious metal articles.

Tasks include:

- casting jewellery and other non-ferrous metal articles by hand;
- making complete jewellery articles such as rings, brooches and bracelets;
- cutting and polishing gems and setting them in jewellery articles;
- making, remodeling and repairing precious metal ware;
- rolling and beating precious metals;
- engraving letters and designs on jewellery and precious metal ware;
- performing related tasks.

Examples of the occupations classified here:

- 73131** *Goldsmith*
- 73132** *Grader, gold*
- 73133** *Slicer, gem*
- 73134** *Setter, gem*
- 73135** *Roller, precious metal*
- 73136** *Engraver, jewellery*
- 73137** *Polisher, gem*
- 73138** *Enameller, jewellery*

7314 POTTERS AND RELATED WORKERS

Potters and related workers make pottery, porcelain ware, bricks and tiles.

Tasks include:

- making articles of pottery and porcelain;
- making clay or plaster of Paris moulds;
- forming articles on potter's wheel with hands, or using interior or exterior moulding shapes and shaping tools;

- forming articles by casting semi-liquid clay in plaster of Paris moulds;
- forming bricks and tiles into special shapes by hand;
- making articles by pressing plastic clay into moulds by hand;
- operating screw-press or hydraulic press to make products clay dust;
- operating a machine which extrudes moist clay for further processing;
- performing related tasks.

Examples of the occupations classified here:

- 73141 Potter**
- 73142 Moulder/presser, brick and tile**
- 73143 Modeller, pottery and porcelain**
- 73144 Caster, pottery and porcelain**
- 73145 Maker, pottery and porcelain mould**

7315 GLASS MAKERS, CUTTERS, GRINDERS AND FINISHERS

Glass makers, cutters, grinders and finishers blow, mould, press and roll shapes molten glass and cut, grind and polish glass.

Tasks include:

- shaping molten glass by means of blowpipe, hand moulding, heating and bending;
- heating, moulding and pressing optical glass to make clear lens;
- grinding and polishing clear lens;
- grinding and bevelling edges of glass;
- cutting sheet glass with hand tools and sawing prisms and other shapes optical glass blocks;
- performing related tasks.

Examples of the occupations classified here:

- 73151 Blower, glass**
- 73152 Blower, glass N17**
- 73153 Cutter, glass**
- 73154 Cutter, optical glass**
- 73155 Polisher, glass**
- 73156 Grinder, glass**
- 73157 Moulder, glass lens**
- 73158 Finisher, glass**

7316 SIGN WRITERS, DECORATIVE PAINTERS, ENGRAVERS AND INSCRIBERS

Sign writers, decorative painters, engravers and inscribers design, illustrate, and decorate silver, gold, steel or glass and other materials, for personal, household use, or for decorative purposes.

Tasks include:

- cutting and design surface in a variety of shapes and sized that yield different line types;
- cutting designs on glass articles with sandblasting equipment;
- illustrating, cover and paints in surface such as walls, linen, paper and other materials;
- engraving monograms and ornamental designs on glassware;
- etching decorative designs, calibration markings and other figures on glass articles.

Examples of the occupations classified here:

- 73161** *Engraver, glass*
- 73162** *Dipper, ceramics*
- 73163** *Router, printing plate*

7317 HANDICRAFT WORKERS OF WOOD, BASKETRY AND RELATED MATERIALS

Handicraft workers of wood, basketry and related materials apply traditional techniques to prepare wood, straw, rattan, reeds, stone, clay, shells, and other materials, and carve, mould, assemble, weave, or paint and decorate various articles for personal or household use, or for decorative purposes.

Tasks include:

- preparing wood, straw, rattan, reeds, stone, shells, or similar materials;
- carving, assembling, weaving, painting and decorating various articles for personal or household use such as salad bowls, serving-spoons, cutting-boards, trays, vases, jugs, baskets, straw hats, straw mats and similar objects;
- carving, assembling, weaving and painting various decorative articles such as statues and other sculptures;
- making wicker furniture peeled and softened rattan, reeds, rushes, willow branches and similar materials;
- making various kinds of baskets by interlacing rattan, reeds, rushes or similar materials;
- selecting and preparing brush materials such as bristles, nylon, fibres and wire, and setting them in brush base;
- selecting and preparing materials such as broom;
- making mats palm or coconut tree leaves and grass materials;
- performing related tasks.

Examples of the occupations classified here:

- 73171** *Handicraft worker, reed weaving*
- 73172** *Handicraft worker, stone articles*
- 73173** *Handicraft worker, wooden articles*
- 73134** *Maker, basket*
- 73175** *Maker, brush*
- 73176** *Weaver, mat*
- 73177** *Maker, broom*
- 73178** *Maker, furniture/rattan*

7318 HANDICRAFT WORKERS OF TEXTILE, LEATHER AND RELATED MATERIALS

Handicraft workers of textile, leather and related materials apply traditional techniques to produce various articles for personal or household use, as well as for decorative purposes.

Tasks include:

- preparing carving, moulding, assembling, painting and decorating various articles; weaving, knitting, embroidering and lace-making;
- producing traditional footwear;
- producing handbags, belts and other accessories.

Examples of the occupations classified here:

- 73181** *Weaver, songket*
- 73182** *Pencanting, batik*
- 73183** *Maker, rattan bag*

7319 HANDICRAFT WORKERS NOT ELSEWHERE CLASSIFIED

This unit group covers handicraft workers outside the scope of unit group 7311-7318

Examples of the occupations classified here:

- 73191** *Back knife fabricator*
- 73192** *Batch maker*

732 PRINTING TRADES WORKERS

Printing trades workers set and arrange printing type or copy by hand or by electronic key-boarding or other machines, make printing plates set-up type, engrave lithographic stones, printing plates and rollers, make and print with silk-screens, print on paper and other materials, or bind and finish books.

7321 PRE-PRESS TECHNICIANS

Pre-press technicians set and arrange printing type by hand, machine or computer.

Tasks include:

- setting type by hand and printing copies with simple machines;
- operating linotype, monotype and typesetting machines;
- arranging set-up of type and spacing material and illustration blocks to make pages;
- arranging pages in sequence for printing;
- operating electronic key-boarding machines which reproduce letters on film or sensitized paper for eventual reproduction in printing;
- arranging photo-composed type film for reproduction on printing plates;
- performing word processing and typesetting works;
- performing related tasks.

Examples of the occupations classified here:

- 73211** *Compositor*
- 73212** *Printer*
- 73213** *Typesetter*
- 73214** *Operator, desktop publishing equipment*
- 73215** *Maker, braille plate*

7322 PRINTERS

Printers cut stencils for use in silk-screen printing and print on paper, metal, textiles and other materials with silk-screens, blocks of rubber, wood or other materials, or engraved printing rollers.

Tasks include:

- cutting stencils for silk-screen printing;
- printing on paper, metal, textiles and other materials by silk-screen process;
- printing designs and patterns on cloth or wallpaper with engraved blocks or machines equipped with engraved rollers;
- reproducing copies of textile designs by tracing them onto transparent materials;
- performing related tasks.

Examples of the occupations classified here:

- 73221** *Cutter, stencil/silk-screen*
- 73222** *Printer, silk-screen*
- 73223** *Printer, textile*
- 73224** *Printer, block*
- 73225** *Press-operator, embossing*
- 73226** *Tracer, textile design*

7323 PRINT FINISHING AND BINDING WORKERS

Print finishing and binding workers bind books and other publications by hand or machine and perform book finishing operation.

Tasks include:

- binding books and periodicals by hand;
- setting and operating bookbinding machines;
- embossing designs or titles on books by hand or machine;
- mounting maps and charts;
- performing related tasks.

Examples of the occupations classified here:

- 73231** *Bookbinder*
- 73232** *Cutter, paper*
- 73233** *Mounter, map and chart*
- 73234** *Embosser, book*
- 73235** *Finisher, book*

7324 PRINTING AND PHOTO ENGRAVERS AND ETCHERS

Printing and photo engravers and etchers engrave lithographic stones and printing plates, rollers, dies and blocks by various processes, develop and process photographic film and make prints.

Tasks include:

- cutting designs through film applied to surface of lithographic stones;
- engraving steel and copper plates, rollers, dies or wood, rubber and linoleum blocks by hand;
- engraving metal plates and rollers by machine;
- transferring designs lithographic stone to metal plates;
- etching metal plates or rollers with acid and retouching;
- performing all or several tasks in preparing printing plates by photogravure process;

- processing black and white or colour film and plates to obtain negatives or transparent positives;
- printing black and white or colour photographs;
- developing x-ray films;
- performing related tasks.

Examples of the occupations classified here:

- 73241** *Engraver, printing, metal plate*
- 73242** *Etcher, printing, metal plate*
- 73243** *Engraver, printing/lithographic stone*
- 73244** *Photo-engraver*
- 73245** *Developer, film/color and black and white*
- 73246** *Developer, film/x-ray*

74 ELECTRICAL AND ELECTRONIC TRADES WORKERS

Electrical and electronic trades workers fit, adjust, install and repair electrical motors, generators, household appliances, computer hardware, sound and image recording and telecommunications systems, install, service and repair electrical wiring systems in homes, industrial plants and other establishments, ships, motor vehicles and aircraft, and install, construct and repair electrical power transmission cables, telephone and telegraph lines and related equipment.

This sub-major group consists of the following minor groups:

- 741 ELECTRICAL EQUIPMENT INSTALLERS AND REPAIRERS**
- 742 ELECTRONICS AND TELECOMMUNICATIONS INSTALLERS AND REPAIRERS**

741 ELECTRICAL EQUIPMENT INSTALLERS AND REPAIRERS

Electrical equipment installers and repairers fit, adjust, install and repair electrical motors, generators, household appliances, install, service and repair electrical wiring systems in homes, industrial plants and other establishments, ships, motor vehicles and aircraft, and install, construct and repair electrical power transmission cables and related equipment.

7411 BUILDING AND RELATED ELECTRICIANS

Building and related electricians service and repair electrical wiring system in building.

Tasks include:

- installing, maintaining and repairing electrical wiring systems and related equipment in various buildings such as schools, hospitals, commercial;
- establishments, residential building and other structures;
- performing related task.

Examples of the occupations classified here:

- 74111** *Electrician, building*
- 74112** *Electrician, construction*

7412 ELECTRICAL MECHANICS AND FITTERS

Electrical mechanics and fitters fit, adjust, install, service and repair electrical wiring systems, electrical machinery and other electrical apparatus and equipment in buildings, factories, workshops or other places.

Tasks include:

- installing, maintaining and repairing electrical wiring systems and related equipment in various buildings such as schools, hospitals, commercial establishments, residential buildings and other structures;
- fitting, adjusting and repairing various kinds of electrical machinery and motors, generators, switch gear and control apparatus, instruments, or electrical parts of elevators and related equipment;
- fitting, adjusting and repairing electrical parts in domestic appliances, industrial machines and other appliances, or electrical apparatus in aircraft, ships and vehicles;
- installing, maintaining and repairing electrical equipment in theatres and radio or television studios;
- inspecting and testing manufactured electrical products;
- planning and carrying out preventive and scheduled maintenance of electrical installation;
- performing related tasks.

Examples of the occupations classified here:

- 74121** *Chargeman, high voltage/restriction*
- 74122** *Electrical chargeman R17*
- 74123** *Electrician, building*
- 74124** *Electrician, ship*
- 74125** *Electrician, vehicle*
- 74126** *Electrician, aircraft*
- 74127** *Electrician, stage and studio*
- 74128** *Electrical repairman, household appliance*

7413 ELECTRICAL LINE INSTALLERS AND REPAIRERS

Electrical line installers and repairers install and repair power, telephone, telegraph and television lines and cables.

Tasks include:

- installing and repairing overhead and underground electrical power and electrical traction lines;
- installing and repairing overhead and underground telephone and telegraph lines;
- making joints in overhead and underground cables;
- performing related tasks.

Examples of the occupations classified here:

- 74131** *Line worker, electrical power*
- 74132** *Cable line worker, telephone/telegraph/television*
- 74133** *Jointer, cable/electric*
- 74134** *Layer, underground cable*

742 ELECTRONICS AND TELECOMMUNICATIONS INSTALLERS AND REPAIRERS

Electronics and telecommunications installers and repairers fit, adjust, install, service and repair computer hardware, sound and image recording and transmitting telecommunications equipment, audio and video recorders and other electronic equipment as well as telephone and telegraph equipment in homes, business or telephone exchanges.

7421 ELECTRONICS MECHANICS AND SERVICES

Electronics mechanics and services fit, adjust, install, service and repair computer hardware, sound and image recording and transmitting telecommunications equipment, audio and video recorders and other electronic equipment.

Tasks include:

- fitting and adjusting computer hardware, sound and image recorders and transmitters, radar equipment, electronic components of musical instruments, medical or industrial equipment and signalling systems;
- inspecting and testing manufactured electronic products;
- examining radio or television equipment, tape recorders, video cassette recorders, and other audio-visual equipment, replacing defective parts and making adjustments and repairs;
- performing related tasks.

Examples of the occupations classified here:

- 74211 *Fitter, electronics***
- 74212 *Fitter, electronics/radio, television, video and radar equipment***
- 74213 *Fitter, electronics/signaling system***
- 74214 *Fitter, electronics/medical equipment***
- 74215 *Fitter, electronics/computer and related electronic equipment***
- 74216 *Fitter, electronics/industrial equipment***
- 74217 *Fitter, electronics/meteorological equipment***
- 74218 *Operator, wireless N17***

7422 INFORMATION AND COMMUNICATIONS TECHNOLOGY INSTALLERS AND SERVICES

Information and communications technology installers and services install, service and repair telephone and telegraph equipment in homes, business or telephone exchanges.

Tasks include:

- installing, servicing and repairing telecommunications equipment such as telephones, switchboard telegraph and data transmission equipment;
- performing related tasks.

Examples of the occupations classified here:

- 74221 *Installer, telephone and telegraph***
- 74222 *Servicer telephone and telegraph***
- 74223 *Worker, IT support***

75 FOOD PROCESSING, WOOD WORKING, GARMENT AND OTHER CRAFT AND RELATED TRADES WORKERS

Food processing, woodworking, garment and other craft and related trades workers treat and process agricultural and fisheries raw materials into food and other products, and produce and repair goods made of wood, textiles, leather or other materials.

This sub-major group consists of the following minor groups:

- 751 FOOD PROCESSING AND RELATED TRADES WORKERS**
- 752 WOOD TREATERS, CABINET-MAKERS AND RELATED TRADES WORKERS**
- 753 GARMENT AND RELATED TRADES WORKERS**
- 754 OTHER CRAFT AND RELATED WORKERS**

751 FOOD PROCESSING AND RELATED TRADES WORKERS

Food processing and related trades workers slaughter animals, kill fish, treat and prepare them and related food items for human and animal consumption, make various kinds of bread, cakes and other flour products, process and preserve fruits, vegetables and related foods, taste and grade various food products and beverages, or prepare tobacco and make tobacco products.

7511 BUTCHERS, FISHMONGERS AND RELATED FOOD PREPARERS

Butchers, fishmongers and related food preparers slaughter animals, kill fish, clean, cut and dress meat and fish and prepare related food items or preserve meat, fish and other foods and food products by drying, salting or smoking.

Tasks include:

- slaughtering animals or killing fish;
- flaying and trimming carcasses;
- cutting and dressing meat and fish for sale or further processing;
- preparing ingredients and making sausages and similar products using simple chopping, mixing and shaping machines;
- curing meat, fish and other foods;
- operating smokehouses or ovens to smoke meat, fish and other foodstuffs;
- cooking or in other ways preparing meat, fish and related food items for sale;
- performing related tasks.

Examples of the occupations classified here:

- 75111 Slaughterer**
- 75112 Butcher**
- 75113 Fishmonger**
- 75114 Curer, meat/fish**
- 75115 Pickler, meat/fish**
- 75116 Maker, sausage**
- 75117 Grader, fish**

7512 BAKERS, PASTRY-COOKS AND CONFECTIONERY MAKERS

Bakers, pastry cooks and confectionery makers make various kinds of bread, buns, cakes and other flour products, as well as handmade chocolate and sugar confectionery.

Tasks include:

- making bread, buns, cakes, biscuits, pastries, pies and other flour products;
- making handmade confectionery mixtures of sugar, chocolate and other ingredients with the help of tools and some machines;
- performing related tasks.

Examples of the occupations classified here:

- 75121 Baker**
- 75122 Baker, bread**
- 75123 Baker, pastry**
- 75124 Maker, confectionary**
- 75125 Maker, chocolate**
- 75126 Maker, yeast**
- 75127 Maker, noodle**
- 75128 Maker, chewing-gum**

7513 DAIRY-PRODUCTS MAKERS

Dairy-products makers are generally defined as foodstuffs produced milk, processing is called a dairy or a dairy factory. Raw milk for processing generally comes cows, other mammals such as goats, sheep, water buffalo, yaks, or horses.

Tasks include:

- making milk powder, skim milk, cream, condensed milk, evaporated milk, ricotta cheese, butter, cheese and other dairy products;
- performing related tasks.

Examples of the occupations classified here:

- 75131 Entrepreneur, cheese**
- 75132 Maker, yogurt**

7514 FRUIT, VEGETABLE AND RELATED PRESERVERS

Fruit, vegetable and related preservers process or preserve fruits, nuts and related foods in various ways including cooking, drying, salting, or juice or oil extraction.

Tasks include:

- extracting juices various fruits;
- extracting oils oil-bearing seeds, nuts or fruits;
- cooking, salting or drying fruits, vegetables and related foods;
- performing related tasks.

Examples of the occupations classified here:

- 75141 Preserver, fruit**
- 75142 Preserver, vegetable**
- 75143 Maker, fruit juice**
- 75144 Maker, vegetable juice**

75145 Expeller, oil

7515 FOOD AND BEVERAGE TASTERS AND GRADERS

Food and beverage tasters and graders inspect, taste and grade various types of agricultural products, food and beverages and liquor.

Tasks include:

- inspecting, testing and tasting agricultural products, food and beverages and liquor at various stages of processing to determine quality and grade into appropriate class;
- performing related tasks.

Examples of the occupations classified here:

- 75151 Grader/taster, tea**
- 75152 Grader/taster, coffee**
- 75153 Grader/taster, food**
- 75154 Grader/taster, liquor**
- 75155 Grader, meat**
- 75156 Grader, fruit/vegetable**
- 75157 Taster, juice**
- 75158 Grader, oil**

7516 TOBACCO PREPARERS AND TOBACCO PRODUCTS MAKERS

Tobacco preparers and tobacco products makers prepare tobacco leaves and make various tobacco products.

Tasks include:

- grading cured tobacco leaves by type, quality and locality where grown;
- mixing tobacco leaves according to formula to obtain a blend of distinct flavour;
- tending vacuum container which moistens tobacco for further processing;
- removing midribs and stalks tobacco leaves and shredding tobacco;
- making cigars, cigarettes and other tobacco products by hand or using simple machines;
- performing related tasks.

Examples of the occupations classified here:

- 75161 Grader, tobacco**
- 75162 Maker, cigar**
- 75163 Maker, cigarette**
- 75164 Quality checker, cigarette**

752 WOOD TREATERS, CABINET-MAKERS AND RELATED TRADES WORKERS

Wood treaters, cabinet-makers and related trades workers season and preserve wood, make and repair wooden furniture, wooden fittings, patterns and model, wicker furniture and related articles, and decorate and repair wooden articles and wooden parts of goods.

7521 WOOD TREATERS

Wood treaters season and preserve wood.

Tasks include:

- seasoning wood by air-drying in sunlight;
- treating wood with chemicals to protect it against decay or parasites manually;
- grading wood or veneer according to size and quality;
- performing related tasks.

Examples of the occupations classified here:

75211 *Impregnator, wood*

75212 *Seasoner, wood*

75213 *Grader, wood*

75214 *Grader, veneer*

7522 CABINET-MAKERS AND RELATED WORKERS

Cabinet-makers and related workers make, decorate and repair wooden furniture, wheels or other wooden parts of vehicles, wooden fittings, patterns, models and other items such as pipes, shoes, or sports racquets and sticks.

Tasks include:

- making and repairing wooden articles such as cabinets and other furniture, using woodworking machines and hand tools;
- making and repairing wooden vehicles, wheels or other wooden parts of vehicles;
- making and repairing wooden articles such as patterns, scale models and mock-ups, casks, tobacco pipes, picture frames, wooden toys, wooden clogs, shoes or sports racquets or sticks;
- decorating furniture and fixtures by inlaying wood, applying veneer and carving designs;
- finishing surfaces of wooden articles or furniture;
- performing related tasks.

Examples of the occupations classified here:

75221 *Maker, cabinet/wooden*

75222 *Builder, bullock cart*

75223 *Maker, furniture/wooden*

75224 *Maker, coffin*

75225 *Maker, clog*

75226 *Maker, model/wooden*

75227 *Veneer applier*

75228 *Maker, picture frame*

7523 WOODWORKING-MACHINE TOOL SETTERS AND OPERATORS

Woodworking-machine tool setters and operators build, make, or carve wood using machine and tools to produce wood based product.

Tasks include:

- making wooden product using woodworking machines and tools;
- making wooden product such as patterns, scale models and mock-ups, casks, tobacco pipes, picture frames, wooden toys, wooden clogs, shoes or sports racquets or sticks;
- decorating product and fixtures by inlaying wood, applying veneer and carving designs;
- finishing surfaces of wooden articles or product;
- performing related tasks;
- supervising other workers.

Examples of the occupations classified here:

75231 Regulator, wood machine

75232 Operator, wood machine

75233 Setter, wood machine

753 GARMENT AND RELATED TRADES WORKERS

Garment and related trades workers prepare natural and synthetic textile fibres, threads and yarns, make and repair garments and other textile articles, make patterns and mark and cut textile, leather and other materials in the manufacture of garments, gloves and miscellaneous products, or upholster furniture and interior of vehicles, or sew textiles and similar materials.

7531 TAILORS, DRESSMAKERS, FURRIERS AND HATTERS

Tailors, dressmakers and hatters engaged in various sewing tasks, embroidering works and making umbrellas, fabric bags and sacks, artificial flowers, dolls and stuffed-toys and related items, make suits, dresses and other garments textile fabrics, leather or any other material, carry out alterations and repairs, or make hats, or participate in the manufacture of ready-to-wear garments.

Tasks include:

- operating and monitoring standard or specialized single- or multiple-needle sewing machines to make or repair garments, gloves and miscellaneous products in textiles, fur or leather;
- operating and monitoring standard or specialized single- or multiple-needle sewing machines to embroider ornamental designs on textiles or other materials;
- making overcoats, suits, skirts, shirts, blouses, lingerie, corsetry and similar garments according to customers requirements;
- participating in the manufacture of ready-to-wear clothing;
- embroidering decorative designs on garments or materials;
- making various kinds of hats and caps;
- altering, restyling and repairing garments;
- making and caring for costumes used in theatrical, television and motion picture productions;
- making wig according to specification, fastening strands of hair to cloth base;
- assembling complete umbrella by fixing various component parts such as collapsible metal frame, springs and umbrella cloth to stick;
- sewing sails, tents, awnings and similar articles;
- performing related tasks.

Examples of the occupations classified here:

75311 Dressmaker

75312 Maker, cap

- 75313** *Maker, wig*
- 75314** *Operator, sewing*
- 75315** *Worker, sewing*
- 75316** *Embroiderer, hand*
- 75317** *Maker, artificial flower*
- 75318** *Maker, doll and stuffed-toy*

7532 GARMENT AND RELATED PATTERN-MAKERS AND CUTTERS

Garment and related pattern-makers and cutters make patterns and mark and cut textile, leather and other materials in the manufacture of garments, gloves and miscellaneous products.

Tasks include:

- drawing and cutting out patterns for making suits, dresses, shirts, blouses, gloves, hats and caps and other garments;
- making outlines of patterns on cloth, light leathers or other materials to guide cutting;
- cutting material according to pattern outline for making up garments, gloves and related items;
- performing pattern-making, marking and cutting tasks in the manufacture of other products such as soft furnishings, umbrellas and canvas goods;
- performing related tasks.

Examples of the occupations classified here:

- 75321** *Pattern-maker, garment*
- 75322** *Pattern-maker, hat and cap*
- 75323** *Maker, garment*
- 75324** *Cutter, garment*
- 75325** *Cutter, gloves*
- 75326** *Pattern-maker, gloves*

7533 SHOEMAKERS AND RELATED WORKERS

Shoemakers and related workers make and repair standard or special footwear and, except for leather garments, hats and gloves, make natural or synthetic leather articles such as luggage, handbags, and belts, or participate in the manufacture of shoes and related goods.

Tasks include:

- making patterns to guide the cutting of shoe parts;
- cutting out, preparing and fitting together shoe parts;
- sewing shoe parts together;
- making standard or orthopedic footwear to individual requirements;
- making other special types of footwear to order;
- examining and finishing footwear;
- repairing footwear;
- making and repairing articles such as saddles and harnesses for animals, luggage, handbags, wallets, belts, brief-cases, leather bags and other accessories;
- cutting out, shaping and padding parts for making leather articles;
- sewing and stitching leather parts by hand or machine;
- performing related tasks.

Examples of the occupations classified here:

- 75331 Shoemaker**
- 75332 Maker, footwear/orthopedic**
- 75333 Cobbler**
- 75334 Pattern-maker, footwear**
- 75335 Maker, leather goods**
- 75336 Maker, sports equipment/footwear**

7534 UPHOLSTERERS AND RELATED WORKERS

Upholsterers and related workers upholster furniture, make mattresses, or make and install interior decorations of textile, leather and similar materials.

Tasks include:

- installing, arranging and securing springs, padding and covering material to furniture frames;
- fitting and installing covers and cushioning for seats and other furnishings on vehicles such as motor cars, buses, railways coaches and aircraft;
- making mattresses;
- fitting and installing soft furnishings and interior decorations of textiles, leather and similar materials;
- repairing upholstered parts of worn furniture, mattresses and related products;
- performing related tasks.

Examples of the occupations classified here:

- 75341 Upholsterer, furniture**
- 75342 Upholsterer, vehicle**
- 75343 Maker, mattress**
- 75344 Maker, cushion**
- 75345 Maker, bedding**
- 75346 Maker, leather**
- 75347 Upholsterer, aircraft**
- 75348 Upholsterer, railway carriage**

7535 PELT DRESSERS, TANNERS AND FELLMONGERS

Pelt dressers, tanners and fellmongers prepare hides and skins for making leather products.

Tasks include:

- sorting and grading pelts, hides and skins;
- removing flesh and fat pelts before curing;
- removing flesh and hair hides;
- removing long coarse hair pelts and trimming underlying hair to even length;
- operating machine to split hides edgeways;
- treating hides to convert them into leather;
- applying dyes to fur pelts;
- dressing and applying dyes and stains to leather;
- stretching and smoothing dressed pelts;
- performing related tasks.

Examples of the occupations classified here:

75351 *Pelt dressers, tanners and fellmonger*

754 **OTHER CRAFT AND RELATED WORKERS**

Other craft and related workers apply activities concerning underwater divers, shotfirers and blasters, product graders and testers (excluding foods and beverages), fumigators, and pest and weed controllers.

7541 **UNDERWATER DIVERS**

Underwater divers work under water, dressed in scuba gear or diving suit, to inspect, install, repair, and remove equipment and structures.

Tasks include:

- working under water to lay and repair bridges, piers and harbour wall foundations;
- inspecting for suspected damage and making minor repairs to ships' hulls and underwater installations;
- reporting on condition of wrecked ships;
- removing underwater obstructions;
- drilling holes for underwater blasting;
- performing related tasks.

Examples of the occupations classified here:

75411 *Diver, construction*

75412 *Dive master*

75413 *Dive boatman*

7542 **SHOTFIRERS AND BLASTERS**

Shotfirers and blasters assembles, positions and detonates explosive in order to move or break up soil and rock, or demolish building.

Tasks include:

- assembling, positioning and detonating explosive to move, break up soil and rock, or demolish building;
- ensuring that safety areas are adhered to by all staff and members of the public;
- measuring the amount of explosive required for a particular job;
- performing related tasks.

Examples of the occupations classified here :

75421 *Shot firer*

7543 PRODUCT GRADERS AND TESTERS (EXCLUDING FOODS AND BEVERAGES)

Product graders and testers (excluding foods and beverages) inspect and grade various types of product excluding food and beverages compliance with laws, regulations and grading standard at points of production, distribution and assembly, hatcheries, retail outlets and warehouses.

Tasks include:

- inspecting and testing products excluding food and beverages at various stages of processing to determine quality and grade into appropriate class;
- examining and verifying grade of product;
- conducting inspection to determine compliance with sanitation, grade, quality and labeling standard;
- obtaining representative sample of product;
- checking and recommending licensure of industry graders;
- assisting higher level graders in investigating consumer compliance;
- issuing holding orders and/or disposal orders;
- testifying in hearings and court actions as required;
- performing related tasks.

Examples of the occupations classified here:

75431 Grader, fibre

7544 FUMIGATORS, PEST AND WEED CONTROLLERS

Fumigators and pest and weed controllers inspect buildings and outside areas for pest infestation, and spray chemical treatments to kill insects, rodents and other pests. They may also set cage traps to capture and remove animals.

Tasks include:

- inspecting buildings or outdoor areas;
- taking safety precautions in the use and storage of chemicals;
- deciding on course of action to control or eliminate pests;
- preparing estimates and bills for clients;
- preparing and spraying chemical mixtures using various equipment;
- maintaining equipment in safe, efficient working order;
- maintaining work records of each property inspected, the pest or weed problem, chemicals used and amount of time spent at each location;
- placing and set traps;
- advising clients on how to prevent pest infestation;
- performing related tasks.

Examples of the occupations classified here:

75441 Controller, pest

75442 Forging worker, bee

75443 Fumigation operator, weed

7549 CRAFT AND RELATED WORKERS NOT ELSEWHERE CLASSIFIED

This unit group covers craft and related workers not elsewhere classified in minor group 754: Other Craft and Related Workers.