



International Labour Organization  
Organisation internationale du Travail  
Organización Internacional del Trabajo

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*Updating the  
International Standard Classification of Occupations (ISCO)*

*Draft ISCO-08 Group Definitions:  
Occupations in Construction*

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POLICY INTEGRATION DEPARTMENT  
BUREAU OF STATISTICS

26/02/2008

## **ISCO-08 Draft Definitions – Construction**

### **ISCO 08 Code**

**3112**

### **Title EN**

**Civil engineering technicians**

### **Lead Statement**

Civil engineering technicians perform technical tasks in civil engineering research, design, construction, operation, maintenance and repair of buildings and other structures, such as water supply and wastewater treatment systems, bridges, roads, dams and airports.

### **Task statement**

Tasks include:

- (a) performing or assisting with field and laboratory tests of soils and construction materials;
- (b) providing technical assistance connected with the construction of buildings and other structures, and with surveys or the preparation of survey reports;
- (c) ensuring compliance with design specifications, relevant legislation and regulations, and maintenance of desired standards of materials and work;
- (d) applying technical knowledge of building and civil engineering principles and practices in order to identify and solve problems arising;
- (e) assisting with the preparation of detailed estimates of quantities and costs of materials and labour required for projects, according to the specifications given;
- (f) organizing maintenance and repairs;
- (g) supervising other workers.

### **Included occupations**

Examples of the occupations classified here:

- Clerk of Works
- Technician, engineering/civil
- Technician, geotechnical
- Technician, surveying

### **Excluded occupations**

Some related occupations classified elsewhere:

- Surveyor, marine – 3115
- Surveyor, quantity – 2149

### **Notes**

**ISCO 08 Code****3123****Title EN****Construction Supervisors****Lead Statement**

Construction supervisors, co-ordinate, supervise and schedule the activities of workers engaged in the construction and repair of buildings and structures.

**Task statement**

Tasks include:

- (a) Reading specifications to determine construction requirements and planning procedures;
- (b) Organizing and coordinating the material and human resources required to complete jobs;
- (c) Examining and inspecting work progress;
- (d) Examining equipment and construction sites to ensure that health and safety requirements are met;
- (e) Supervising construction sites and coordinating work with other construction projects;
- (f) Supervising workers

**Included occupations**

Examples of the occupations classified here:

- Supervisor, Building Construction
- Supervisor, Construction

**Excluded occupations**

Some related occupations classified elsewhere:

- Clerk of Works - 3112
- Construction Manager

**Notes**

**ISCO 08 Code**

71

**Title EN****Building and related trades workers****Lead Statement**

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.

**Task statement**

Tasks performed by workers in this sub-major group include: constructing, maintaining and repairing buildings and other structures using traditional and/or modern building techniques; constructing and repairing foundations, walls and structures of brick, stone and similar materials; breaking quarried stone into slabs or blocks; cutting, shaping and finishing stone for building, ornamental, monumental and other purposes; erecting reinforced concrete frameworks and structures as well as finishing and repairing cement surfaces; cutting, shaping, assembling and maintaining wooden structures and fittings; performing miscellaneous construction and building maintenance tasks. Supervision of other workers may be included.

**Included occupations**

Examples of the occupations classified here:

- Building Frame and Related Trades Workers
- Building Finishers and Related Trades Workers
- Painters, Building Structure Cleaners and Related Trades Workers

**Excluded occupations****Notes**

**ISCO 08 Code****711****Title EN****Building frame and related trades workers****Lead Statement**

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.

**Task statement**

Tasks performed by workers in this minor group include: constructing, maintaining and repairing buildings and other structures by using traditional and/or modern building techniques; constructing and repairing foundations, walls and structures of brick, stone and similar materials; breaking quarried stone into slabs or blocks; cutting, shaping and finishing stone for building, ornamental, monumental and other purposes; erecting reinforced concrete frameworks and structures as well as finishing and repairing cement surfaces; cutting, shaping, assembling and maintaining wooden structures and fittings; performing miscellaneous construction and building maintenance tasks. Supervision of other workers may be included.

**Included occupations**

Examples of the occupations classified here:

- House builders
- Bricklayers and related workers
- Stonemasons, stone cutters, splitters and carvers
- Concrete placers, concrete finishers and related workers
- Carpenters and joiners

**Excluded occupations**

Some related occupations classified elsewhere:

**Notes**

**ISCO 08 Code**  
**7111**  
**Title EN**  
**House builders**

**Lead Statement**

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

**Task statement**

Tasks include:

- (a) preparing ground for erecting building or other structures;
- (b) erecting structures to support roof, and building and covering walls with appropriate materials;
- (c) fixing rafters to roof and covering with roofing material;
- (d) levelling floor to make it smooth and serviceable;
- (e) maintaining and repairing existing structures;
- (f) arranging for specialized work such as bricklaying, painting, plumbing and electrical wiring to be done by subcontractors;
- (g) performing related tasks;
- (h) supervising other workers.

**Included occupations**

Examples of the occupations classified here:

- Builder
- House Builder, Traditional Materials

**Excluded occupations**

Some related occupations classified elsewhere:

**Notes**

**ISCO 08 Code****7112****Title EN****Bricklayers and related workers****Lead Statement**

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.

**Task statement**

Tasks include:

- (a) 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;
- (b) laying footpaths, kerbs and pavements;
- (c) laying bricks or other masonry to build patios, garden walls and other decorative installations;
- (d) performing related tasks;
- (e) supervising other workers.

**Included occupations**

Examples of the occupations classified here:

- Bricklayer
- Blocklayer
- Refractory bricklayer
- Chimney builder

**Excluded occupations**

Some related occupations classified elsewhere:

- Stonemason

**Notes**

**ISCO 08 Code****7113****Title EN****Stonemasons, stone cutters, splitters and carvers****Lead Statement**

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.

**Task statement**

Tasks include:

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

**Included occupations**

- Stone Carver
- Stone Cutter
- Granite Cutter

**Excluded occupations**

- Wall and Floor Tiler
- Machine-operator, splitting/stone

**Notes**

Myfuture.com.au, O\*Net, Careers Services Rapuara (NZ)

**ISCO 08 Code****7114****Title EN****Concrete placers, concrete finishers and related workers****Lead Statement**

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.

**Task statement**

Tasks include:

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

**Included occupations**

Examples of the occupations classified here:

- Finisher, cement
- Placer, concrete
- Terrazzo worker

**Excluded occupations**

Some related occupations classified elsewhere:

- Machine-operator, finishing/concrete – 8212
- Operator, road surface laying machinery – 8332

**Notes**

**ISCO 08 Code****7115****Title EN****Carpenters and joiners****Lead Statement**

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

**Task statement**

Tasks include:

- (a) making, altering and repairing structural and other woodwork at a work-bench and on a construction site;
- (b) constructing, erecting and installing heavy-framed wooden structures on building sites;
- (c) fitting, assembling and altering internal and external fixtures of buildings, such as walls, doors, door and window frames, facings and panelling;
- (d) making, repairing and fitting scenic equipment for theatrical performances, motion picture or television productions;
- (e) constructing, assembling, altering and repairing wooden fixtures and fittings in train coaches, aircraft, ships, boats, floats, and other vehicles;
- (f) performing related tasks;
- (g) supervising other workers.

**Included occupations**

Examples of the occupations classified here:

- Carpenter
- Finish Carpenter
- Framer
- Joiner
- Shipwright, wood

**Excluded occupations**

Some related occupations classified elsewhere:

- Cabinet-maker – 7422
- Wheel-wright – 7422

**Notes**

**ISCO 08 Code****7119****Title EN****Building frame and related trades workers not elsewhere classified****Lead Statement**

This unit group covers building frame and related trades workers not classified elsewhere in Minor group 711, Building frame and related trades workers.

**Task statement**

In such cases tasks would include:

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

**Included occupations**

Examples of the occupations classified here:

- Demolition worker
- Scaffolder
- Steeplejack

**Excluded occupations**

Some related occupations classified elsewhere:

- Labourer, construction/buildings – 9313
- Labourer, demolition – 9313

**Notes**

**ISCO 08 Code****712****Title EN****Building finishers and related trades workers****Lead Statement**

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.

**Task statement**

Tasks performed usually include: covering roof frameworks with one or more kinds of material; installing parquet and other kinds of flooring or covering floors and walls with tiles or mosaic panels; applying plaster to walls and ceilings; applying insulating material to walls, floors and ceilings; cutting, fitting and setting glass in windows and similar openings; installing plumbing and pipeline systems; installing electrical wiring and related equipment. Supervision of other workers may be included.

**Included occupations**

Examples of the occupations classified here:

- Roofers
- Floor layers and tile setters
- Plasterers
- Insulation workers
- Glaziers
- Plumbers and pipe fitters
- Air conditioning and refrigeration mechanics

**Excluded occupations****Notes**

**ISCO 08 Code****7121****Title EN****Roofers****Lead Statement**

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

**Task statement**

Tasks include:

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

**Included occupations**

Examples of the occupations classified here:

- Roofer, asphalt
- Roofer, metal
- Roofer, slate
- Roofer, tile
- Fixer, Roof
- Thatcher

**Excluded occupations****Notes**

**ISCO 08 Code****7122****Title EN****Floor layers and tile setters****Lead Statement**

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.

**Task statement**

Tasks include:

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

**Included occupations**

Examples of the occupations classified here:

- Parquetry worker
- Setter, marble
- Setter, tile
- Layer, carpet

**Excluded occupations****Notes**

**ISCO 08 Code****7123****Title EN****Plasterers****Lead Statement**

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.

**Task statement**

Tasks include:

- (a) applying one or more coats of plaster to interior walls and ceilings of buildings to produce finished surface;
- (b) measuring, marking and installing ornamental plaster panels, and casting and trimming ornamental plaster cornices;
- (c) applying protective and decorative covering of cement, plaster and similar materials to exterior building surfaces;
- (d) making and installing decorative plaster fixtures of fibrous plaster;
- (e) performing related tasks;
- (f) supervising other workers.

**Included occupations**

Examples of the occupations classified here:

- Plasterer
- Plasterer, ornamental
- Plasterer, stucco
- Plasterer, fibrous
- Plasterer, solid

**Excluded occupations****Notes**

ANZSCO

**ISCO 08 Code**  
**7124**  
**Title EN**  
**Insulation workers**

**Lead Statement**

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

**Task statement**

Tasks include:

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

**Included occupations**

Examples of the occupations classified here:

- Insulation worker
- Insulation worker, acoustical
- Insulation worker, boiler and pipe
- Insulation worker, refrigeration and air-conditioning equipment.
- Insulation Installer

**Excluded occupations**

Some related occupations classified elsewhere:

- Machine-operator, insulation – 8290

**Notes**

**ISCO 08 Code****7125****Title EN****Glaziers****Lead Statement**

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

**Task statement**

Tasks include:

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

**Included occupations**

Examples of the occupations classified here:

- Autoglazier
- Glazier
- Glazier, roofing
- Glazier, vehicle

**Excluded occupations**

- Glass Beveller
- Glass Silverer

**Notes**

ANZSCO, Careers Services Rapuara

**ISCO 08 Code****7126****Title EN****Plumbers and pipe fitters****Lead Statement**

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.

**Task statement**

Tasks include:

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

**Included occupations**

Examples of the occupations classified here:

- Fitter, pipe
- Layer, pipe
- Plumber
- Drain technician

**Excluded occupations**

Some related occupations classified elsewhere:

- Machine-operator, pipe installation – 8290
- Air conditioning and refrigeration mechanics – 7126

**Notes**

**ISCO 08 Code**

7127

**Title EN****Air conditioning and refrigeration mechanics****Lead Statement**

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

**Task statement**

Tasks include:

- (a) interpreting blueprints, drawings or other specifications;
- (b) assembling, installing and repairing components for air conditioning and refrigeration systems;
- (c) connecting piping and equipment by bolting, riveting, welding or brazing;
- (d) testing systems, diagnosing faults and performing routine maintenance or servicing;
- (e) performing related tasks;
- (f) supervising other workers.

**Included occupations**

Examples of the occupations classified here:

- Mechanic, Air Conditioning Equipment
- Mechanic, Refrigeration

**Excluded occupations**

Some related occupations classified elsewhere:

- Fitter, Ventilation Pipe
- Plumbers and pipe fitters - 7126

**Notes**

NOC, ANZSCO

**ISCO 08 Code****713****Title EN****Painters, building structure cleaners and related trades workers****Lead Statement**

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.

**Task statement**

Tasks performed usually include: preparing surfaces and applying paint and similar materials to buildings and other structures; applying paint or varnish to vehicles or various manufactured articles, usually with a hand-spraying device; covering interior walls and ceilings with wallpaper, silk or other fabrics; cleaning chimneys; cleaning exterior surfaces of buildings and other structures. Supervision of other workers may be included.

**Included occupations**

Examples of the occupations classified here:

- Painters and related workers
- Spray painters and varnishers
- Building structure cleaners

**Excluded occupations****Notes**

**ISCO 08 Code****7131****Title EN****Painters and related workers****Lead Statement**

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.

**Task statement**

Tasks include:

- (a) cleaning and preparing walls and other surfaces of buildings for painting or wallpapering;
- (b) selecting and preparing paints to required colours by mixing pigments and additives;
- (c) applying or spraying paint, varnish, and similar materials to surfaces, fixtures and fittings of buildings;
- (d) measuring and hanging wallpaper or other fabrics on interior walls and ceilings;
- (e) applying paints, varnishes and stains to surfaces using brushes, rollers and sprays;
- (f) performing related tasks;
- (g) supervising other workers in this group.

**Included occupations**

Examples of the occupations classified here:

- Painter, building
- Paperhanger

**Excluded occupations****Notes**

**ISCO 08 Code****7132****Title EN****Spray painters and varnishers****Lead Statement**

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

**Task statement**

Tasks include:

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

**Included occupations**

Examples of the occupations classified here:

- Painter, manufactured articles
- Painter, vehicle
- Varnisher

**Excluded occupations**

Some related occupations classified elsewhere:

- Machine-operator, painting/metal
- Machine-operator, painting/wood
- Painter, building – 7131
- Painter, decorative – 7131
- Signwriter

**Notes**

Careers Scotland, Myfuture.com.au, ANZSCO

**ISCO 08 Code****7133****Title EN****Building structure cleaners****Lead Statement**

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

**Task statement**

Tasks include:

- (a) 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;
- (b) removing soot from flues, chimneys and connecting pipes;
- (c) performing related tasks;
- (d) supervising other workers.

**Included occupations**

Examples of the occupations classified here:

- Chimney sweep
- Cleaner, building exteriors
- Sandblaster, building exteriors

**Excluded occupations****Notes**

**ISCO 08 Code****7214****Title EN****Structural-metal preparers and erectors****Lead Statement**

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

**Task statement**

Tasks include:

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

**Included occupations**

Examples of the occupations classified here:

- Erector, structural metal
- Preparer, structural metal
- Riveter

**Excluded occupations**

Some related occupations classified elsewhere:

- Machine-operator, rivet production – 8211

**Notes**

**ISCO 08 Code****7215****Title EN****Riggers and cable splicers****Lead Statement**

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.

**Task statement**

Tasks include:

- (a) estimating the size, shape and weight of objects to be moved and deciding on the type of equipment to move them;
- (b) installing and repairing cables, ropes, wires, pulleys and other tackle;
- (c) joining, repairing and fitting attachments to wires, ropes and cables;
- (d) working as member of crew erecting and repairing derricks for drilling water, gas- and oil-wells;
- (e) lifting up scenery and lighting equipment in theatres if installing and maintaining communication towers, aerial cableways, funicular railways, ski lifts and similar infrastructure;
- (f) performing related tasks;
- (g) supervising other workers.

**Included occupations**

Examples of the occupations classified here:

- Rigger
- Rigger, ship
- Splicer, cable and rope
- Tower rigger
- Theatrical rigger

**Excluded occupations**

Some related occupations classified elsewhere:

- Machine-operator, splicing/cable and rope – 8290
- Crane, hoist and related plant operators – 8343

**Notes**

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**ISCO 08 Code****8342****Title EN****Earthmoving and related plant operators****Lead Statement**

Earthmoving and related plant operators operate machines to excavate, grade, level, smooth and compact earth or similar materials.

**Task statement**

Tasks include:

- (a) operating and monitoring excavating machines, equipped with moveable shovel, grab-bucket or dragline bucket, to excavate and move earth, rock, sand, gravel or similar materials;
- (b) operating and monitoring machines for digging trenches for sewers, drainage, water, oil, gas or similar pipelines;
- (c) operating and monitoring machines equipped with concave steel blade to move, distribute and level earth, sand, snow and other materials;
- (d) operating and monitoring equipment to remove sand, gravel and mud from bottom of body of water;
- (e) operating and monitoring machines for hammering wooden, concrete or steel piles into ground;
- (f) operating and monitoring power roller to compact and smooth layers of materials in making roads, pavements and similar work;
- (g) operating and monitoring machines which spread and smooth concrete or bituminous or tar preparations to construct roadways, roads or similar work;
- (h) performing related tasks;
- (i) supervising other workers.

**Included occupations**

Examples of the occupations classified here:

- Operator, bulldozer
- Operator, excavator
- Operator, pile-driver
- Operator, road-roller
- Operator, construction plant
- Operator, front-end loader

**Excluded occupations****Notes**

**ISCO 08 Code****8343****Title EN****Crane, hoist and related plant operators****Lead Statement**

Crane, hoist and related plant operators operate and monitor stationary and mobile cranes and other hoisting equipment.

**Task statement**

Tasks include:

- (a) operating and monitoring stationary or mobile cranes by raising and lowering jibs and booms, to lift, move, position or place equipment and materials;
- (b) operating and monitoring equipment for hoisting, lowering or raising workers and materials on construction sites or in mines;
- (c) operating and monitoring ski-lifts and similar equipment;
- (d) operating and monitoring machinery used to haul ferry or barge with goods, passengers and vehicles across short stretches of water;
- (e) operating and monitoring machinery to open and close bridge for the passage of road and water traffic;
- (f) operating and monitoring cranes equipped with dredging attachments to dredge waterways and other areas;
- (g) operating cranes mounted on boats or barges to lift, move and place equipment and materials
- (h) performing related tasks;
- (i) supervising other workers.

**Included occupations**

Examples of the occupations classified here:

- Operator, crane
- Operator, hoist
- Operator, mobile crane
- Operator, tower crane

**Excluded occupations****Notes**

NOC- Canada

**ISCO 08 Code****9312****Title EN****Civil engineering labourers****Lead Statement**

Civil engineering labourers perform a variety of routine tasks in connection with the building and maintenance of roads, dams and similar constructions.

**Task statement**

Tasks include:

- (a) digging and filling holes and trenches, spreading gravel and related materials and performing other tasks related to the building and maintenance of railway tracks and roads;
- (b) loading and unloading construction materials and equipment and transporting them around building sites;
- (c) performing related tasks;
- (d) supervising other workers.

**Included occupations**

Examples of the occupations classified here:

- Labourer, construction
- Labourer, maintenance/dams

**Excluded occupations****Notes**

**ISCO 08 Code****9313****Title EN****Building construction labourers****Lead Statement**

Building construction labourers perform a variety of routine tasks in connection with building construction work.

**Task statement**

Tasks include:

- (a) cleaning used building bricks and doing other simple work on demolition sites;
- (b) clearing various obstructions as instructed;
- (c) loading and unloading construction materials and equipment and transporting them around building sites;
- (d) performing related tasks;
- (e) supervising other workers.

**Included occupations**

Examples of the occupations classified here:

- Labourer, construction/buildings work
- Labourer, demolition

**Excluded occupations**

Some related occupations classified elsewhere:

- Bricklayer, construction – 7122
- Builder, house/traditional materials – 7121
- Demolition worker - 7119

**Notes**