

### SUB-MAJOR GROUP 82 CONSTRUCTION AND MINING LABOURERS

CONSTRUCTION AND MINING LABOURERS perform a variety of routine tasks in house building, and road, rail and general construction, and in drilling, mining and mineral ore treatment, usually under close supervision.

*Indicative Skill Level:*

Most occupations in this sub-major group have a level of skill commensurate with the qualifications and experience outlined below.

*In Australia:*

AQF Certificate II or III, or at least one year of relevant experience (ANZSCO Skill Level 4); or

AQF Certificate I, or compulsory secondary education (ANZSCO Skill Level 5)

*In New Zealand:*

NZ Register Level 2 or 3 qualification, or at least one year of relevant experience (ANZSCO Skill Level 4); or

NZ Register Level 1 qualification, or compulsory secondary education (ANZSCO Skill Level 5)

In some instances relevant experience and/or on-the-job training may be required in addition to the formal qualification. In the case of some Skill Level 5 occupations, a short period of on-the-job training may be required in addition to or instead of the formal qualification, or no formal qualification or on-the-job training may be required.

*Tasks Include:*

- loading and unloading construction materials and equipment, and transporting them around building sites
- mixing, spreading and levelling concrete, plaster and mortar
- laying out fence lines and lifting and positioning posts
- insulating buildings, pipes and ducting
- fitting awnings, security screens and other home improvements
- assembling and erecting scaffolding and rigging
- digging holes and trenches, and spreading, levelling and compacting soil, gravel, sand and ballast
- erecting and dismantling barricades
- directing cranes

Occupations in this sub-major group are classified into the following minor group:

821 Construction and Mining Labourers

MINOR GROUP 821 CONSTRUCTION AND MINING LABOURERS

CONSTRUCTION AND MINING LABOURERS perform a variety of routine tasks in house building, and road, rail and general construction, and in drilling, mining and mineral ore treatment, usually under close supervision.

*Indicative Skill Level:*

Most occupations in this minor group have a level of skill commensurate with the qualifications and experience outlined below.

*In Australia:*

- AQF Certificate II or III, or at least one year of relevant experience (ANZSCO Skill Level 4); or
- AQF Certificate I, or compulsory secondary education (ANZSCO Skill Level 5)

*In New Zealand:*

- NZ Register Level 2 or 3 qualification, or at least one year of relevant experience (ANZSCO Skill Level 4); or
- NZ Register Level 1 qualification, or compulsory secondary education (ANZSCO Skill Level 5)

In some instances relevant experience and/or on-the-job training may be required in addition to the formal qualification. In the case of some Skill Level 5 occupations, a short period of on-the-job training may be required in addition to or instead of the formal qualification, or no formal qualification or on-the-job training may be required.

*Tasks Include:*

- loading and unloading construction materials and equipment, and transporting them around building sites
- mixing, spreading and levelling concrete, plaster and mortar
- laying out fence lines and lifting and positioning posts
- insulating buildings, pipes and ducting
- fitting awnings, security screens and other home improvements
- assembling and erecting scaffolding and rigging
- digging holes and trenches, and spreading, levelling and compacting soil, gravel, sand and ballast
- erecting and dismantling barricades
- directing cranes

Occupations in this minor group are classified into the following unit groups:

- 8211 Building and Plumbing Labourers
- 8212 Concreters
- 8213 Fencers
- 8214 Insulation and Home Improvement Installers
- 8215 Paving and Surfacing Labourers
- 8216 Railway Track Workers
- 8217 Structural Steel Construction Workers
- 8219 Other Construction and Mining Labourers

UNIT GROUP 8211 BUILDING AND PLUMBING LABOURERS

BUILDING AND PLUMBING LABOURERS perform a variety of routine tasks associated with erecting and repairing structures and facilities, maintaining stormwater, drainage and sewerage systems, excavating earth and clearing and levelling sites, and installing and maintaining piping systems, fixtures and water regulators.

*Indicative Skill Level:*

Most occupations in this unit group have a level of skill commensurate with the qualifications outlined below.

In Australia:

AQF Certificate I, or compulsory secondary education (ANZSCO Skill Level 5)

In New Zealand:

NZ Register Level 1 qualification, or compulsory secondary education (ANZSCO Skill Level 5)

For some occupations a short period of on-the-job training may be required in addition to or instead of the formal qualification. In some instances no formal qualification or on-the-job training may be required.

*Tasks Include:*

- loading and unloading building and construction materials, tools and equipment and transporting them around building sites
- erecting and dismantling temporary structures such as barricades and scaffolding
- mixing, pouring and spreading materials such as concrete, plaster and mortar
- cleaning and carrying out minor repairs on stormwater drains and canals, and checking for cracks and leaks in sewerage systems
- digging holes and shovelling excavated material onto conveyors, wheelbarrows and trucks for removal
- spreading and levelling soil, gravel and sand on roads and driveways, trench bottoms and similar locations
- assisting with assembling and installing piping, valves and fittings
- assisting with installing fixtures such as toilets, wash basins and sprinkler systems

Occupations:

- 821111 Builder's Labourer
- 821112 Drainage, Sewerage and Stormwater Labourer
- 821113 Earthmoving Labourer
- 821114 Plumber's Assistant

**821111 BUILDER'S LABOURER**

Alternative Title:

Construction Worker

Performs routine tasks in erecting and repairing structures and facilities on building and construction sites and in factories producing prefabricated building components.

Skill Level: 5

Specialisations:

- Bricklayer's Assistant
- Carpenter's Assistant
- Tiler's Assistant

## MAJOR GROUP 8 *continued*

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### UNIT GROUP 8211 BUILDING AND PLUMBING LABOURERS *continued*

#### 821112 DRAINAGE, SEWERAGE AND STORMWATER LABOURER

Performs routine tasks in maintaining drainage, sewerage and stormwater systems.

Skill Level: 5

#### 821113 EARTHMOVING LABOURER

Performs routine tasks in excavating earth, clearing and levelling sites, and digging irrigation channels.

Skill Level: 5

Specialisation:

Grave Digger

#### 821114 PLUMBER'S ASSISTANT

Performs routine tasks in fabricating, laying, installing and maintaining pipes, fixtures, water meters and regulators.

Skill Level: 5

UNIT GROUP 8212 CONCRETTERS

CONCRETTERS pour, spread, smooth and finish concrete for structures such as floors, stairs, ramps, footpaths and bridges.

*Indicative Skill Level:*

Most occupations in this unit group have a level of skill commensurate with the qualifications outlined below.

In Australia:

AQF Certificate I, or compulsory secondary education (ANZSCO Skill Level 5)

In New Zealand:

NZ Register Level 1 qualification, or compulsory secondary education (ANZSCO Skill Level 5)

For some occupations a short period of on-the-job training may be required in addition to or instead of the formal qualification. In some instances no formal qualification or on-the-job training may be required.

*Tasks Include:*

- erecting concrete form work and laying steel reinforcing
- pouring, spreading and levelling concrete using screeds and templates
- tamping, smoothing, shaping and sealing concrete
- operating trowelling machines to float, trowel and polish concrete surfaces
- forming expansion joints and edges using edging tools, jointers and straight edges
- installing fixtures in concrete such as anchor bolts, steel plates and door sills
- wetting concrete and rubbing with abrasives to finish vertical surfaces
- covering concrete with plastic sheeting and sand to cure it
- cutting lines in concrete using power cutters
- may cover freshly poured concrete with colouring powders and other materials

Occupation:

821211 Concreter

**821211 CONCRETER**

Alternative Title:

Concrete Worker

Pours, spreads, smooths and finishes concrete for structures such as floors, stairs, ramps, footpaths and bridges.

Skill Level: 5

UNIT GROUP 8213 FENCERS

FENCERS erect and repair fences and gates.

*Indicative Skill Level:*

Most occupations in this unit group have a level of skill commensurate with the qualifications and experience outlined below.

In Australia:

AQF Certificate II or III (ANZSCO Skill Level 4)

In New Zealand:

NZ Register Level 2 or 3 qualification (ANZSCO Skill Level 4)

At least one year of relevant experience may substitute for the formal qualifications listed above. In some instances relevant experience and/or on-the-job training may be required in addition to the formal qualification.

*Tasks Include:*

- laying out fence lines and marking positions for post holes
- lifting and positioning fence posts in holes and securing posts with concrete, stone fill and soil
- forming fence frames
- constructing and attaching gates to fences
- stretching materials between fence posts
- constructing wooden paling, fibre-cement and metal fences
- repairing and demolishing existing fences

Occupation:

821311 Fencer

**821311 FENCER**

Alternative Title:

Fence Erector

Erects and repairs fences and gates.

Skill Level: 4

**UNIT GROUP 8214 INSULATION AND HOME IMPROVEMENT INSTALLERS**

INSULATION AND HOME IMPROVEMENT INSTALLERS install a variety of insulation materials to improve resistance to heat, cold, air, sound and moisture, and install functional and decorative home improvements.

*Indicative Skill Level:*

Most occupations in this unit group have a level of skill commensurate with the qualifications and experience outlined below.

In Australia:

AQF Certificate II or III (ANZSCO Skill Level 4)

In New Zealand:

NZ Register Level 2 or 3 qualification (ANZSCO Skill Level 4)

At least one year of relevant experience may substitute for the formal qualifications listed above. In some instances relevant experience and/or on-the-job training may be required in addition to the formal qualification.

Registration or licensing may be required.

*Tasks Include:*

- examining plans, specifications and work sites to determine the type and quality of installations required and their location
- preparing site for insulation and installation of fittings by nailing up furring, drilling holes for screws and bolts, and erecting scaffolding and ladders
- gluing blocks and slabs of foamed plastic and cork to walls
- operating equipment to blow and spray mineral wool, fibre fill and foam insulation material into cavities
- cutting insulation material to size and shape, and nailing and stapling batt-type insulation to joists, studs and furring
- measuring, cutting and applying solar control film to windows
- fitting awnings, security screens, shower screens, prefabricated windows and doors, exterior cladding and other home improvements using hand tools
- drilling holes in wood, brick, stone and fibrous structures, and bolting, screwing and nailing fittings into place
- attaching and adjusting mechanical fittings such as cranks, locks and pull-cords
- installing flashing and waterproofing to fittings such as shower screens and prefabricated windows and doors

Occupations:

821411 Building Insulation Installer

821412 Home Improvement Installer

**821411 BUILDING INSULATION INSTALLER**

Installs and applies insulating material, such as foam, granules, foil, solar film, batts and blankets, to walls, floors, windows and ceilings of buildings to insulate against heat, cold, air, sound and moisture. Registration or licensing may be required.

Skill Level: 4

Specialisation:

Window Tinter (Building)