DIVISION E – CONSTRUCTION

The Construction Division includes units mainly engaged in the construction of buildings and other structures, additions, alterations, reconstruction, installation, and maintenance and repairs of buildings and other structures.

Units engaged in demolition or wrecking of buildings and other structures, and clearing of building sites are included in Division E Construction. It also includes units engaged in blasting, test drilling, landfill, levelling, earthmoving, excavating, land drainage and other land preparation.

The industries within this division have been defined on the basis of their unique production processes. As with all industries, the production processes are distinguished by their use of specialised human resources and specialised physical capital. Construction activities are generally administered or managed at a relatively fixed place of business, but the actual construction work is performed at one or more different project sites.
301  RESIDENTIAL BUILDING CONSTRUCTION

3011  House Construction
This class consists of units mainly engaged in the construction of houses (except semi-detached houses) or in carrying out alterations, additions or renovations to houses, or in organising or managing these activities.

Primary activities
- Garage construction
- House construction, alteration or renovation
- House, prefabricated, assembly, erection or installation (on site)

Exclusions/References
Units mainly engaged in
- off-site production of prefabricated buildings or building components are included in the appropriate classes of Group 222 Structural Metal Product Manufacturing;
- providing special trade repair services such as electrical or plumbing repairs are included in the appropriate classes of Group 323 Building Installation Services; and
- providing architectural or building consultancy services are included in the appropriate classes of Group 692 Architectural, Engineering and Technical Services.

3019  Other Residential Building Construction
This class consists of units mainly engaged in the construction of residential buildings (except houses) or in carrying out alterations, additions or renovations to such buildings or in organising or managing these activities.

Primary activities
- Apartment construction
- Duplex house construction
- Flat construction
- High-rise flat construction
- Renovation or alteration of residential building n.e.c.
- Semi-detached house construction

Exclusions/References
Units mainly engaged in
- off-site production of prefabricated buildings or building components are included in the appropriate classes of Group 222 Structural Metal Product Manufacturing;
- the construction of hotels, hostels, hospitals and other public buildings are included in Class 3020 Non-Residential Building Construction;
- providing special trade repair services such as electrical or plumbing repairs are included in the appropriate classes of Group 323 Building Installation Services; and
- providing architectural or building consultancy services are included in the appropriate classes of Group 692 Architectural, Engineering and Technical Services.
302  NON-RESIDENTIAL BUILDING CONSTRUCTION

3020  Non-Residential Building Construction

This class consists of units mainly engaged in the construction of non-residential buildings such as hotels, motels, hostels, hospitals, prisons or other buildings, in carrying out alterations, additions or renovation to such buildings, or in organising or managing these activities.

Primary activities
- Commercial building construction
- Industrial building construction
- Office building construction
- Prefabricated non-residential building assembly, erection or installation on-site (except sheds, garages or carports)
- Prefabricated temperature controlled structures installation
- Renovation or alteration of non-residential buildings

Exclusions/References
Units mainly engaged in
- off-site production of prefabricated metal buildings or metal building components are included in the appropriate classes of Group 222 Structural Metal Product Manufacturing;
- providing special trade repair services such as electrical or plumbing repairs are included in the appropriate classes of Group 323 Building Installation Services; and
- providing architectural or building consultancy services are included in the appropriate classes of Group 692 Architectural, Engineering and Technical Services.
Other Heavy and Civil Engineering Construction

This class consists of units mainly engaged in the construction of railway permanent way, dams, irrigation systems, harbour or river works, water or gas supply systems, oil refineries (except buildings), pipelines or construction projects not elsewhere classified, in the on-site assembly of furnaces or heavy electrical machinery from prefabricated components, or in the general repair of such structures, machinery or equipment, or in organising or managing these activities.

Primary activities
- Breakwater construction
- Cable laying
- Canal construction
- Dam construction
- Distribution line, electricity or communication, construction
- Dredging (harbours or rivers)
- Electrical machinery, heavy, installation (on-site assembly)
- Electricity power plant construction (except buildings)
- Flood control system construction
- Furnace construction (for industrial plants from prefabricated components)
- Golf course construction
- Harbour work construction (except buildings)

Exclusions/References
Units mainly engaged in manufacturing bituminous surfacing materials (except hot-mix bituminous paving) are included in Class 1709 Other Petroleum and Coal Product Manufacturing;

- the construction of tunnels for any purpose are included in Class 3109 Other Heavy and Civil Engineering Construction; and

- providing special trade repair services or in undertaking special trade construction of component parts of roads or bridges e.g. in construction of kerbs or gutters only or in installing electrical wiring for traffic lights are generally included in the appropriate classes of Subdivision 32 Construction Services.

Road and Bridge Construction

This class consists of units mainly engaged in the construction or general repair of roads, bridges, aerodrome runways or parking lots, or in organising or managing these activities.

Primary activities
- Aerodrome runway construction
- Asphalt surfacing
- Bridge construction (including construction from prefabricated components)
- Elevated highway construction
- Overpass construction
- Parking lot construction (except buildings)
- Repair or maintenance of roads or bridges
- Road construction or sealing

Other Heavy and Civil Engineering Construction

This class consists of units mainly engaged in the construction of railway permanent way, dams, irrigation systems, harbour or river works, water or gas supply systems, oil refineries (except buildings), pipelines or construction projects not elsewhere classified, in the on-site assembly of furnaces or heavy electrical machinery from prefabricated components, or in the general repair of such structures, machinery or equipment, or in organising or managing these activities.

Primary activities
- Breakwater construction
- Cable laying
- Canal construction
- Dam construction
- Distribution line, electricity or communication, construction
- Dredging (harbours or rivers)
- Electrical machinery, heavy, installation (on-site assembly)
- Electricity power plant construction (except buildings)
- Flood control system construction
- Furnace construction (for industrial plants from prefabricated components)
- Golf course construction
- Harbour work construction (except buildings)
Other Heavy and Civil Engineering Construction continued

- Irrigation system construction
- Jetty construction
- Lake construction
- Mine site construction n.e.c.
- Oil refinery construction (except buildings)
- Pile driving
- Pipeline construction
- Railway permanent way construction
- River work construction
- Sewage or stormwater drainage system construction
- Sewage treatment plant construction
- Sports field construction
- Swimming pool, below ground concrete or fibreglass, construction
- Television or radio transmitting tower construction
- Tunnel construction
- Water tank construction (except for structural steel)

Exclusions/References

Units mainly engaged in

- the erection or installation (including on-site fabrication) of metal silos or storage tanks are included in Class 3224 Structural Steel Erection Services;
- the installation of hot water systems are included in Class 3231 Plumbing Services; and
- providing special trade repair services or in undertaking special trade construction of component parts for canals, dams, etc (e.g. in constructing stone retaining walls only or in constructing or repairing fences only) are generally included in the appropriate classes of Subdivision 32 Construction Services.
DIVISION E - CONSTRUCTION
Subdivision 32 – Construction Services

321  LAND DEVELOPMENT AND SITE PREPARATION SERVICES

3211  Land Development and Subdivision
This class consists of units primarily engaged in subdividing land into lots and servicing land (such as excavation work for the installation of roads and utility lines), for subsequent sale.

Primary activities
- Land subdivision or development

Exclusions/References
Units mainly engaged in
- constructing buildings on lots they subdivide or develop are included in the appropriate classes of Subdivision 30 Building Construction;
- construction of roads on a subcontract basis for land subdividers are included in Class 3101 Road and Bridge Construction; and
- legal subdivision of land without land preparation are included elsewhere in the classification system based on the primary activity of the unit.

3212  Site Preparation Services
This class consists of units mainly engaged in earthmoving work such as levelling of construction sites, excavation of foundations, trench digging or removal of overburden.

Primary activities
- Demolition of buildings or other structures
- Earthmoving
- Earthmoving plant and equipment hiring with operator
- Excavation
- Explosives laying
- Ground de-watering
- Land clearing
- Levelling (construction sites)
- Removal of overburden
- Trench digging

Exclusions/References
Units mainly engaged in
- quarrying sand or gravel are included in Class 0911 Gravel and Sand Quarrying;
- quarrying earth soil or filling are included in Class 0919 Other Construction Material Mining; and
- selling sand, gravel or other quarried construction materials are included in Class 3339 Other Hardware Goods Wholesaling.

322  BUILDING STRUCTURE SERVICES

3221  Concreting Services
This class consists of units mainly engaged in concreting work, concrete pouring or other concrete work on construction projects.

Primary activities
- Concrete footpath construction
Structural Steel Erection Services
This class consists of units mainly engaged in the erection (including on-site fabrication) of metal silos, storage tanks or structural steel components for buildings or other structures such as bridges, overhead cranes or electricity transmission towers.

Primary activities
- Metal silo erection
- Metal storage tank erection
- Reinforcing steel erection
- Structural steel erection

Exclusions/References
Units mainly engaged in these activities are included in Class 3239 Other Building Installation Services, Class 3242 Carpentry Services, Class 3243 Tiling and Carpeting Services, and Class 3291 Landscape Construction Services.

3224 Structural Steel Erection Services
This class consists of units mainly engaged in the erection (including on-site fabrication) of metal silos, storage tanks or structural steel components for buildings or other structures such as bridges, overhead cranes or electricity transmission towers.

Primary activities
- Metal silo erection
- Metal storage tank erection
- Reinforcing steel erection
- Structural steel erection

Exclusions/References
Units mainly engaged in these activities are included in Class 3239 Other Building Installation Services, Class 3242 Carpentry Services, Class 3243 Tiling and Carpeting Services, and Class 3291 Landscape Construction Services.
**Structural Steel Erection Services continued**
- Truss or joist, steel, erection
- Welding work on construction projects

**Exclusions/References**
- Units mainly engaged in:
- the construction of buildings (which incorporate structural steel components) are included in the appropriate classes of Subdivision 30 Building Construction; and
- the construction of complete structures such as bridges, towers or oil refinery plants (which incorporate structural steel components) are included in the appropriate classes of Subdivision 31 Heavy and Civil Engineering Construction.

**323 BUILDING INSTALLATION SERVICES**

**3231 Plumbing Services**
This class consists of units mainly engaged in plumbing or drainage (except sewerage or stormwater drainage systems construction). Also included are units mainly engaged in septic tank and other plumbing installation and repair.

**Primary activities**
- Drain construction or repairing (except sewerage or stormwater drainage systems)
- Gas plumbing
- Guttering, roof, installation or repair
- Hot water system installation
- Plumbing (except marine)
- Repair of installed plumbing
- Septic tank installation (including repair)
- Solar hot water system installation

**Exclusions/References**
- Units mainly engaged in:
- the construction of sewerage or stormwater drainage systems are included in Class 3109 Other Heavy and Civil Engineering Construction;
- installation of fire sprinkler systems are included in Class 3234 Fire and Security Alarm Installation Services;
- repairing gas appliances are included in Class 9421 Domestic Appliance Repair and Maintenance; and
- pumping or cleaning septic tanks are included in Class 2921 Waste Treatment and Disposal Services.

**3232 Electrical Services**
This class consists of units mainly engaged in the installation of electrical wiring or fittings in buildings or other construction projects. Electrical work arising from the installation of appliances is included in this class.

**Primary activities**
- Electric light installation
- Electric wiring installation
- Electrical installation work (e.g. switchboards, circuit breakers, e.t.c.)
Fire and Security Alarm Installation Services

This class consists of units mainly engaged in the installation of fire protection, detection and control systems, and in installing security systems.

Primary activities

- Closed circuit video surveillance system installation
- Fire alarm system installation

Exclusions/References

Units mainly engaged in

- manufacturing fire and/or security systems are included in Class 3234 Fire and Security Alarm Installation Services; and
- installing motor vehicle air conditioning equipment are included in Class 9411 Automotive Electrical Services.

Air Conditioning and Heating Services

This class consists of units mainly engaged in the installation of heating equipment, refrigeration equipment, air conditioning equipment, or in the installation of air conditioning duct work.

Primary activities

- Air conditioning duct work installation
- Air conditioning equipment installation (except motor vehicle air conditioning equipment)
- Coolroom refrigerator installation
- Freezer room construction
- Heating equipment installation (except industrial furnaces)
- Oil heater installation
- Refrigeration equipment installation
- Ventilation equipment installation n.e.c.

Exclusions/References

Units mainly engaged in

- manufacturing air conditioning duct work are included in Class 2240 Sheet Metal Product Manufacturing (except Metal Structural and Container Products);
- the on-site assembly of industrial furnaces from prefabricated components are included in Class 3109 Other Heavy and Civil Engineering Construction; and
- installing fire and security systems are included in Class 3234 Fire and Security Alarm Installation Services; and
- installing motor vehicle air conditioning equipment are included in Class 9411 Automotive Electrical Services.

Fire and Security Alarm Installation Services

This class consists of units mainly engaged in the installation of fire protection, detection and control systems, and in installing security systems.

Primary activities

- Closed circuit video surveillance system installation
- Fire alarm system installation
DIVISION E – CONSTRUCTION
Subdivision 32 – Construction Services

Group 324
Class 3241
Description

Fire and Security Alarm Installation Services continued
- Fire sprinkler installation
- Repair of installed fire or burglar security alarm systems
- Security system installation
- Smoke detector installation

Exclusions/References
Units mainly engaged in the installation and monitoring of security systems are included in Class 7712 Investigation and Security Services.

3239
Other Building Installation Services
This class consists of units mainly engaged in building installation services not elsewhere classified.

Primary activities
- Awning, blind or shutter installation
- Curtain installation
- Elevator, escalator or lift installation
- Flywire screen installation
- Insulation material installation

324
BUILDING COMPLETION SERVICES

3241
Plastering and Ceiling Services
This class consists of units mainly engaged in plastering, plaster fixing or finishing.

Primary activities
- Cement rendering of buildings
- Decorative plaster fixing
- Fibrous plaster fixing or finishing
- Plaster work on construction projects
- Plasterboard fixing or finishing

3242
Carpentry Services
This class consists of units mainly engaged in carpentry work or the fixing of wooden formwork on construction projects.

Primary activities
- Carpentry work on construction projects
- Joinery work on construction projects (on-site fabrication only)
- Roof truss, wooden, fixing
- Wooden flooring installation
- Wooden formwork erection
- Wooden kitchen cabinet installation
- Wooden roof truss installation

Exclusions/References
Units mainly engaged in manufacturing prefabricated, wooden built-in cabinets, cupboards or shop fronts and their installation (except on-site fabrication) are included in Class 1492 Wooden Structural Fitting and Component Manufacturing.
DIVISION E – CONSTRUCTION
Subdivision 32 – Construction Services

**Group**

**Class**

**Description**

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**3243**  
Tiling and Carpeting Services  
This class consists of units mainly engaged in laying carpet, or setting wall or floor tiles.

*Primary activities*
- Carpet or carpet tile laying
- Floor covering laying n.e.c.
- Floor sanding
- Floor tiling (using ceramic, concrete or cut stone tiles)
- Linoleum or linotile fixing
- Mosaic work on construction projects
- Slate flooring installation
- Terrazzo laying
- Wall tiling (using ceramic, concrete or cut stone tiles)

*Exclusions/References*
- Units mainly engaged in installing roofing tiles are included in Class 3223 Roofing Services; and
- installing wooden flooring are included in Class 3242 Carpentry Services.

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**3244**  
Painting and Decorating Services  
This class consists of units mainly engaged in painting, decorating or wallpapering houses or other structures.

*Primary activities*
- House painting
- Painting of buildings or other structures
- Spray painting of buildings or other structures
- Wallpapering

*Exclusions/References*
- Units mainly engaged in roof painting, spraying or coating are included in Class 3223 Roofing Services.

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**3245**  
Glazing Services  
This class consists of units mainly engaged in glazing, including glass installation and repair work.

*Primary activities*
- Glazing
- Window frame installation
- Window installation
- Window insulation fixing

*Exclusions/References*
- Units mainly engaged in the fabrication of aluminium and timber framed glass products are included in the appropriate classes of Division C Manufacturing.

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**329**

**3291**  
Landscape Construction Services  
This class consists of units mainly engaged in constructing landscapes, including landforming and the provision of retaining walls and paths, decks, fences, ponds and similar structures.
Landscape Construction Services continued
Units also engaged in garden planting or installation of sprinkler/drainage systems in conjunction with constructing landscapes are included.

Primary activities
- Brick paving
- Fence construction
- Pond construction
- Landscape construction
- Lawn construction
- Retaining wall construction
- Rockery work
- Streetscape planting

Exclusions/References
Units mainly engaged in
- landscape consultancy and design services are included in Class 6921 Architectural Services;
- garden maintenance activities and maintenance of lawns are included in Class 7313 Gardening Services.

3292 Hire of Construction Machinery with Operator
This class consists of units mainly engaged in hiring construction machinery, plant or equipment with operator(s).

Primary activities
- Construction machinery hiring with operator (except earthmoving equipment)
- Crane hiring with operator

Exclusions/References
Units mainly engaged in hiring earthmoving plant and equipment with operator are included in Class 3212 Site Preparation Services.

3299 Other Construction Services n.e.c.
This class consists of units mainly engaged in construction services not elsewhere classified.

Primary activities
- Metal wall cladding fixing to buildings
- Petrol bowser installation
- Sand blasting or steam cleaning of building exteriors
- Scaffolding construction
- Waterproofing of building