



# TARGETED UPDATE OF CONSTRUCTION-RELATED TRADES OCCUPATIONS IN ANZSCO

Consultation

March 2022



## Targeted update of construction-related trades occupations

The Australian Bureau of Statistics (ABS) is continuing to work with the Department of Education, Skills and Employment (DESE) to update a selection of construction-related trades occupations where an Australian Apprenticeship is a significant pathway. The update will improve the accuracy and coverage of how these occupations are described in ANZSCO. Targeting this selection of construction-related trades occupations will ensure this key area of ANZSCO is considered early in the review to help support the Government's skills reform agenda.

### Scope

The ABS and DESE have identified a preliminary list of 24 construction-related trades occupations for update in 2022, based on the following criteria:

- occupations in ANZSCO Major Group 3 Technicians and Trades Workers at skill level 3
- occupations with significant Australian Apprenticeships commencements
- occupations traditionally associated with an apprenticeship pathway, that were not included in the 2021 update, and
- the number of persons employed in the occupation in the 2016 Census of Population and Housing are significant.

The list of construction-related trades occupations for consideration is included below.

### Next steps

The ABS will assess submissions received on construction-related trades occupations as part of its analysis and develop proposed changes ahead of a second round of public consultation in September 2022.

When considering updates to the classification, changes must be considered and balanced with the need to maintain mutual exclusivity of occupation groups, and stability of the classification for analysis across time. Skill levels are also considered to reflect the range and complexity of the set of tasks undertaken in the occupation.

The proposed changes will be assessed by a panel, independent of the ANZSCO review team. This panel has been established to ensure that the proposed changes meet both an identified need for update and maintain the integrity of the classification.

Feedback from the second round of consultation will then be assessed and any further refinement to ANZSCO will be made. The final version of the update is scheduled for release on the ABS website in November 2022.

### Contacts

If you would like more information or if you would like to talk through your issues to guide your submission, please email [ANZSCO.Maintenance@abs.gov.au](mailto:ANZSCO.Maintenance@abs.gov.au)



## List of construction-related trades occupations within scope for 2022 targeted update of ANZSCO

This list comprises the initial set of construction-related trades occupations identified by ABS and DESE for updating in the 2022 targeted update of ANZSCO.

Category	Code	Title	Skill level	Description
Major group 3 Technicians and Trades Workers	Unit group 3222 Sheetmetal Trades Workers			
	322211	Sheetmetal Trades Worker	3	Marks out, shapes, forms and joins sheetmetal and other materials to make products and components. Specialisations: Metal Spinner, Sheetmetal Patternmaker
Sub-major group 32 Automotive and Engineering Trades Workers	Unit group 3223 Structural Steel and Welding Trades Workers			
Minor group 322 Fabrication Engineering Trades Workers	322311	Metal Fabricator	3	Marks off and fabricates structural steel and other metal stock to make or repair metal products and structures such as boilers and pressure vessels. Specialisations: Boilermaker-Welder, Brass Finisher, Metal Fabricator-Welder, Metal Template Maker, Structural Steel Trades Worker
	322313	Welder (First Class) (Aus)/Welder (NZ)	3	Fabricates and repairs metal products using various welding techniques. Specialisation: Special Class Welder
Major group 3 Technicians and Trades Workers	Unit group 3232 Metal Fitters and Machinists			
Sub-major group 32 Automotive and Engineering Trades Workers	323211	Fitter (General)	3	Fits and assembles metal parts and subassemblies to fabricate production machines and other equipment. Specialisations: Computer Numeric Control Setter, Diesel Fitter-Mechanic, Fitter-Machinist, Fitter-Mechanic, Maintenance Fitter, Mechanic (Diesel and Heavy Earthmoving Equipment), Plant Mechanic
Minor group 323 Mechanical Engineering Trades Workers	323212	Fitter and Turner	3	Fits, assembles, grinds and shapes metal parts and subassemblies to fabricate production machines and other equipment. Specialisation: Fitter Armament (Army)
	Unit group 3233 Precision Metal Trades Workers			
	323313	Locksmith	3	Installs and maintains locks and related security devices and systems. Registration or licensing is required.



Category	Code	Title	Skill level	Description
				Specialisation: Safemaker
Major group 3 Technicians and Trades Workers	Unit group 3311 Bricklayers and Stonemasons			
Sub-major group 33 Construction Trades Workers	331111	Bricklayer	3	Alternative Title: Blocklayer Lays bricks, pre-cut stone and other types of building blocks in mortar to construct and repair walls, partitions, arches and other structures. Registration or licensing may be required. Specialisations: Chimney Builder, Refractory Bricklayer, Retort Setter (Bricklaying), Tuckpointer
Minor group 331 Bricklayers, and Carpenters and Joiners	331112	Stonemason	3	Cuts and shapes hard and soft stone blocks and masonry slabs to construct and renovate stone structures and monumental masonry. Registration or licensing may be required. Specialisations: Construction Stonemason, Monumental Stonemason
	Unit group 3312 Carpenters and Joiners			
	331211	Carpenter and Joiner	3	Constructs and installs structures and fixtures of wood, plywood, and wallboard, and cuts, shapes and fits timber parts to form structures and fittings. Registration or licensing may be required. Specialisation: Shopfitter
	331212	Carpenter	3	Constructs, erects, installs, renovates and repairs structures and fixtures of wood, plywood, wallboard and other materials. Registration or licensing may be required. Specialisations: Fixing Carpenter, Formwork Carpenter, Prop and Scenery Maker
	331213	Joiner	3	Cuts, shapes and fits timber parts in workshops to form structures and fittings, ready for installation. Registration or licensing may be required. Specialisations: Joinery Machinist, Joinery Patternmaker, Joinery Setter-out
Major group 3 Technicians and Trades Workers	Unit group 3321 Floor Finishers			
Sub-major group 33 Construction Trades Workers	332111	Floor Finisher	3	Measures, cuts, installs and repairs soft and resilient floor coverings. Registration or licensing may be required. Specialisations: Carpet Layer, Parquetry Layer
	Unit group 3322 Painting Trades Workers			

Category	Code	Title	Skill level	Description
Minor group 332 Floor Finishers and Painting Trades Workers	332211	Painting Trades Worker	3	Applies paint, varnish, wallpaper and other finishes to protect, maintain and decorate surfaces of buildings and structures. Registration or licensing may be required. Specialisation: Paperhanger
Major group 3 Technicians and Trade Workers	Unit group 3331 Glaziers			
	333111	Glazier	3	Measures, cuts, finishes, fits and installs flat glass and mirrors. Specialisations: Glass Beveller, Glass Embosser, Glass Etcher, Glass Silverer
Sub-major group 33 Construction Trades Workers	Unit group 3332 Plasterers			
Minor group 333 Glaziers, Plasterers and Tilers	333211	Fibrous Plasterer	3	Applies and fixes plasterboard partitions, suspended ceilings, fire rating systems, acoustic tiles, and composite wall linings to buildings. Registration or licensing may be required. Specialisation: Dry Wall Plasterer
	333212	Solid Plasterer	3	Applies decorative and protective coverings of plaster, cement and similar materials to the interiors and exteriors of structures. Registration or licensing may be required.
	Unit group 3333 Roof Tilers			
	333311	Roof Tiler	3	Cover roofs with tiles, sheets and shingles to form a waterproof surface. Registration or licensing may be required. Specialisations: Roof Fixer, Roof Shingler, Roof Slater
	Unit group 3334 Wall and Floor Tilers			
	333411	Wall and Floor Tiler	3	Lays ceramic, clay, slate, marble and glass tiles on external and internal walls and floors to provide protective and decorative finishes. Registration or licensing may be required. Specialisations: Ceramic Tiler, Mosaic Tiler
Major group 3 Technicians and Trade Workers	Unit group 3341 Plumbers			
Sub-major group 33 Construction and Trade Workers	334111	Plumber (General)	3	Installs and repairs water, drainage, gas and sewerage pipes and systems. Registration or licensing is required. Specialisations: Fire Services Plumber, Sanitary Plumber, Water Plumber
	334112	Airconditioning and Mechanical Services Plumber	3	Installs, maintains and repairs piping, ducting and equipment for heating, cooling and ventilation of buildings or vessels. Registration or licensing is required.

Category	Code	Title	Skill level	Description
Minor group 334 Plumbers				Specialisation: Duct Fixing Plumber
	334113	Drainer/Drainlayer	3	Installs, maintains and designs below-ground drainage systems and associated sewerage or effluent disposal systems. Registration or licensing is required. Specialisation: Septic Tank Installer
	334114	Gasfitter	3	Installs, maintains and repairs gas mains, piping systems downstream of the billing meter, and appliances and ancillary equipment associated with the use of fuel gases, including liquefied petroleum gas systems. Registration or licensing is required. Specialisations: Gas Main and Line Fitter, Liquefied Petroleum Gasfitter
	334115	Roof Plumber	3	Installs, maintains and repairs flashings, metallic roof and wall claddings and rainwater products such as gutters and downpipes. Registration or licensing is required. Specialisation: Industrial Roof Plumber
Major group 3 Technicians and Trade Workers	Unit group 3941 Cabinetmakers			
Sub-major group 39. Other Technicians and Trades Workers	394111	Cabinetmaker	3	Fabricates or repairs wooden furniture, and fits and assembles prepared wooden parts to make furniture. Specialisations: Antique Furniture Reproducer, Antique Furniture Restorer, Chair and Couch Maker, Coffin Maker
Minor group 394 Wood Trades Workers				

 Source: Australian Bureau of Statistics ([www.abs.gov.au/anzsco](http://www.abs.gov.au/anzsco))