

# CAREER FACT SHEET

## Bricklayers and Stonemasons

### Snapshot

Bricklayers and Stonemasons lay bricks, pre-cut stones and other types of building blocks in mortar to construct and repair walls, partitions, arches and other structures, and cut and shape hard and soft stone blocks and masonry slabs for the construction and renovation of stone structures and monumental masonry.

How many are employed in this occupation?	32,000
What are the average weekly earnings for full time workers?	\$1,401
How does unemployment compare with other occupations?	Average
What are the job prospects for this occupation?	Medium
What will be the likely future employment growth for the next five years?	Relatively Steady

### Main employing industries

Construction; Manufacturing

### Tasks

This occupation may include associated occupations with varying tasks.

- studying plans and specifications to determine materials required, dimensions and installation procedures
- erecting and dismantling restricted height scaffolding
- sealing foundations with damp-resistant materials and spreading layers of mortar to serve as base and binder for blocks using trowels
- laying bricks in rows, designs and shapes, and spreading mortar between joints
- embedding blocks in mortar and removing excess mortar
- checking vertical and horizontal alignment
- cutting, shaping and polishing stones and bricks using machines and hand tools, and shaping bricks to fit irregular spaces
- repairing and maintaining bricks, cement blocks and related structures
- designing and cutting monumental masonry and lettering
- constructing walls using stone slabs and large masonry slab blocks

# INDUSTRY OVERVIEW

## Manufacturing

If you're a hands on sort of person who likes getting stuck into tasks involving the use of tools and machinery to create new items, or you like to work on projects that bring technical concept drawings to life, then a career in the Manufacturing industry could be right up your alley. Careers in Manufacturing are available in a variety of industries such as: aerospace, furnishing, laboratory operations, metal fitting, engineering and boating, process manufacturing, mineral products, plastics, rubber, recreational vehicles and textiles, clothing and footwear. Structural Steel and Welding Trades workers, and Metal Fitters and Machinists are the trades most in demand in Manufacturing at present. There are thousands of Manufacturing businesses in Australia, employing almost one million people. New developments in sustainable Manufacturing aim to produce goods in an environmentally friendly and sustainable way while at the same time maintaining, if not improving productivity. This makes it a very interesting time to join this sector.



**Manufacturing**

### Possible job pathways

- Glaziers
- Graphic Pre-press Trades Workers
- Industrial Spraypainters
- Metal Fitters and Machinists
- Precision Metal Trades Workers
- Sheetmetal Trades Workers
- Structural Steel and Welding Trades Workers
- Wood Machinists and Other Wood Trades Workers
- Chemical, Gas, Petroleum & Power Plant Operators
- Electrical Engineering Draftspersons, Technicians
- Electricians
- Electronics Engineers
- Metal Casting, Forging & Finishing Trades
- Aircraft Maintenance Engineers
- Engineering Production Systems Workers
- Engineers (Chemical and Material)
- Industrial, Mechanical and Production Engineers
- Mechanical Engineering Draftspersons, Technicians
- Food and Drink Factory Workers
- Production Managers
- Printers
- Printing Assistants and Table Workers
- Signwriters
- Jewellers
- Product Assemblers

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