

BUILDING CONSTRUCTION

INCLUDING FURNITURE CONSTRUCTION

EMPLOYMENT PROSPECTS

The Building Construction industry employs 47,800 South Australians, which is 6% of the workforce.

Between 5,000 and 10,000 jobs are expected to open up over the next five years due to industry growth and replacement of people who will retire. Most of the people working in the Construction industry are tradespeople or labourers, and they mostly build, finish, repair or renovate homes, shops, offices, and other buildings.

Almost two thirds of employment is in the metropolitan area (northern, southern, eastern and western Adelaide), but there are still plenty of jobs in the regional areas too.

TOP 5 OCCUPATIONS



- 1 Carpenters and Joiners
- 2 Plumbers
- 3 Painting Trades Workers
- 4 Construction Managers
- 5 Architectural, Building and Surveying Technicians

QUICK FACTS ABOUT THIS INDUSTRY

- Most people work full time in this industry.
- The most common qualification held by workers is a trade qualification (i.e. Certificate III).
- While the number of women working in the industry is growing, it's still mostly men that work in this industry.
- The age spread of people working in the industry is similar to the average age of the SA workforce
- To work in this industry you need to be physically fit, have good eyesight, not be afraid of heights, and be good with mathematics.
- Qualified full time tradespeople generally earn between \$600 to \$1000 per week, often more when there is a shortage of skilled tradespeople.
- Construction managers, architects, cartographers and surveyors earn between \$1000 and \$1300 per week.

TRAINING PATHWAYS

See SACE www.sace.sa.edu.au for VET in SACE recognition options.

VET in SACE options include:

- Construction, Plumbing and Services (CPC08)
- Furnishing (LMF02)

Vocational Qualifications include:

- Certificate I in Furnishing
- For the building trades, there are 28 qualifications at the Certificate III level, including bricklaying, carpentry, joinery, concreting, demolition, dogging, painting, rigging, roof tiling, scaffolding, plastering, steel-fixing, wall and floor lining/tiling, waterproofing, formwork, paving, shopfitting, signage, stonemasonry, plumbing and gas fitting.
- For the furnishing trades, there are 21 qualifications at the Certificate III level, including furniture making and finishing, glass and glazing, upholstery, kitchens and bathrooms, cabinet making, interior design, coopering, flooring technology, and floor covering and finishing.
- Certificate IV in Design of Kitchens, Bathrooms and Interior Spaces
- Certificate IV and Diploma in Building and Construction
- Certificate IV and Diploma in Plumbing Services
- Certificate IV and Diploma in Furnishing Technology
- Certificate IV, Diploma and Advanced Diploma in Furniture Design and Technology
- Certificate IV, Diploma and Advanced Diploma in Interior Design
- Diploma of Building Surveying
- Diploma of Fire Systems Design
- Diploma of Hydraulics Services Design

University Degrees include:

- Bachelor of Construction Management and Economics
- Bachelor of Design Studies
- Bachelor of Architecture
- Bachelor of Environmental Health
- Bachelor of Interior Architecture

OCCUPATIONS IN THIS INDUSTRY

Building Construction

Building Construction is responsible for the homes we live in, the schools and hospitals we rely on, and the commercial and industrial buildings in which we work.

There are a number of production processes in constructing a building, including:

- land development and surveying
- architectural and engineering design
- site preparation
- laying concrete foundations
- framework in timber and metal
- wall and ceiling fabrication and insulation
- exterior finishing in brick, timber, metal and glass
- installation of electrical wiring and plumbing systems
- interior finishing – painting, tiling, flooring, lighting, plumbing, air conditioning, doors, shelves, cabinets, and other fixtures.

Related Occupations

Bricklayers
Building Surveyors
Building Contractors
Building Site Managers
Building Technicians
Carpenters
Construction Project Managers
Crane Operators
Doggers
Engineering Tradespeople – Fabrication
Electricians
Floor Finisher and Coverers
Glass and Glazing Tradespeople
Lift Electricians
Mobile Plant Operators
Painter and Decorators
Plasterers - Fibrous
Plasterers – Solid
Plastics and Composites Processors
Plumbers
Refrigeration and Air-conditioning Associates
Roofers
Saw Doctors
Signwriters
Stonemasons
Surveying Technicians
Tilers - Wall and Floor

Furniture Construction

Part of making a building into a usable space for people to live and work is the furniture. Cabinetmakers make or repair furniture using solid timber, flat-panel or timber-based products.

Wood tradespeople set up, operate and maintain woodworking machines, such as planers, moulders, drilling machines, routers, wood-turning lathes, chisels and saws, which they use to cut, plane, shape and sand wood to a required shape and size. Cabinetmakers may specialise in particular areas such as reproduction of antique furniture, kitchen fittings, bedroom suites, office furniture, dining suites, shop fittings and occasional furniture.

Related Occupations

Cabinetmakers
Wood Machinists
Wood Tradespeople

The Building Construction industry links to the:

- Civil Construction industry
- Metals and Engineering industry
- Mining industry
- Property Services industry
- Business and Finance industry



NEED MORE INFO?
Construction Industry Training Board
www.constructionskills.com.au/careers.cfm

Construction and Property Services
Industry Skills Council
www.cpsisc.com.au

Algebra Plus
www.mitac.org.au/trig/index.htm



myfuture.edu.au