



Steel Fixer

Description Steel Fixers determine size, shape, quantity and location of concrete reinforcing metal according to drawings or verbal instructions, measure, cut, bend and fit welded wire mesh into concrete areas to be mesh-reinforced

Steel fixers are mainly employed in the industrial/commercial sectors of the building industry on construction sites. They may also work in precast-concrete plants, as well as in areas of pre-stressing, post-stressing and tensioning, using hydraulic jacks and tensioning mechanisms.

Job prospects/Employment Opportunities

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The majority of steel fixers are employed by building and construction companies or by sub-contractors. It is a reasonably large occupation with average job prospects. Due to changes within the building industry, work opportunities can change substantially over a short period.

Given current high levels of construction activity in South Australia, demand is likely to be high at present.

- Typical duties**
- Read and interpret working plans and steel lists for the job
 - Set out the work from these instructions
 - Make steel bars or mesh the required length by cutting them with bolt cutters, guillotines and power saws
 - Assemble the reinforcing bars or mesh by welding, wiring or clipping into predetermined locations within the concrete
 - Fabricate steel reinforcement as beams, footing pads or special units
 - Join the prefabricated units together for large sections of high rise or civil projects, and position the reinforcement ready for concrete pours

Personal requirements

- Physically fit;
- Enjoy practical work;
- Able to work at heights;
- Able to work as part of a team

Work Conditions

Riggers mainly work outdoors on construction sites, but can also work on ships, in factories and mines, and in the entertainment industry in setting up stages, etc.

Entry pathway You can work as a steel fixer without formal qualifications. You will probably get some informal training on the job.

You can also become a steel fixer through an apprenticeship in Steel Fixing. Entry requirements may vary, but employers generally require Year 10.

Some people may complete a pre-apprenticeship or pre-vocational course before entering an apprenticeship. If you are still at school, **doorways2construction™** is the best first step into this career. Ask your VET coordinator for more details.

Course or Training Package

- Certificate III in Steel Fixing
- Check CITB website for details of available short courses

Specialisations

With experience and sometimes further training, steel fixers may progress to more highly skilled or supervisory positions.

Additional Information

Once you are employed, you may be able to develop, and have recognised, additional skills under the General Construction Training Package that will expand your career opportunities within this industry.

- Related Jobs**
- Rigger
 - Scaffolder

Further information

- CITB [www.citb.org.au]
- Construction Industry Skills Board [<http://www.constructionskills.com.au>]
- **doorways2construction™** [<http://www.doorways2construction.org.au/>]
- Construction Forestry Mining and Energy Union (CFMEU) [<http://www.cfmeu.asn.au/construction/states/sa/>]
- Housing Industry Association [<http://hia.com.au/hia/region/SA.aspx>]
- Master Builder's Association [<http://www.mbas.com.au/scripts/cgiip.exe/WService=MBASA/ccms.r>]
- Big Plans [www.bigplans.com.au/]
- Be Constructive [www.beconstructive.com.au/]