



Australian Government

Department of Education, Employment and Workplace Relations

CPC20311 Certificate II in Steelfixing

Release: 1

CPC20311 Certificate II in Steelfixing

Modification History

Not Applicable

Description

This qualification provides an occupational outcome in steelfixing for commercial projects. The work would be carried out under general guidance and supervision.

Occupational titles may include:

- Steelfixing assistant
- Steelfixing labourer.

The qualification has core unit of competency requirements that cover common skills for the construction industry, as well as two specialist fields of work.

The construction industry strongly affirms that training and assessment leading to recognition of skills must be undertaken in a real or very closely simulated workplace environment and this qualification requires all units of competency to be delivered in this context.

Completion of the general induction training program specified by the National Code of Practice for Induction Training for Construction Work (ASCC 2007) is required before entering a construction work site. Achievement of unit CPCCOHS1001A covers this requirement.

Pathways Information

Not Applicable

Licensing/Regulatory Information

Not Applicable

Entry Requirements

Not Applicable

Employability Skills Summary

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY

Employability skill	Industry/enterprise requirements for this qualification include:
Communication	<ul style="list-style-type: none">• Communicates with clients, colleagues and others using effective and appropriate communication techniques, including:<ul style="list-style-type: none">• Clear and direct communication• Active listening• Verbal and non-verbal language• Questioning to identify and confirm requirements• Language and concepts appropriate to cultural differences• Follows instructions from supervisor and other relevant persons• Understands, interprets and applies information as required from:<ul style="list-style-type: none">• Regulatory, legislative, licensing and organisational requirements• Environmental and OHS requirements, including material safety data sheets (MSDS)• Codes and standards• Plans, drawings and specifications• Schedules• Safety signs and symbols• Organisational policies and procedures• Understands relevant definitions, terminology, symbols, abbreviations and language• Records relevant information using standard workplace documentation• Applies measurements and calculations using appropriate equipment, formulas and records as required• Reports and records hazards and risks
Teamwork	<ul style="list-style-type: none">• Works as part of a team• Provides assistance and encouragement to other team members• Initiates and encourages improvements in team performance• Identifies and utilises the strengths of other team members• Relates to people from diverse social, cultural and

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY

	ethnic backgrounds and with varying physical and mental abilities
Problem solving	<ul style="list-style-type: none">• Participates in on-site meetings• Examines tools and equipment prior to use for damage, missing components or other defects• Identifies typical faults and problems and takes remedial action and/or reports to supervisor• Rectifies simple faults with tools and equipment• Investigates and resolves discrepancies in coding, numbering and materials
Initiative and enterprise	<ul style="list-style-type: none">• Identifies opportunities to improve resource efficiency and makes suggestions as appropriate• Responds to change and workplace challenges• Puts ideas into action• Maximises use of resources by recycling, re-using or using appropriate disposal methods
Planning and organising	<ul style="list-style-type: none">• Identifies hazards and implements appropriate hazard control measures• Selects and uses appropriate materials, tools and equipment• Determines material quantity requirements and conformity to requirements• Prioritises and sequences tasks• Applies time management skills to ensure work is completed to time requirements
Self management	<ul style="list-style-type: none">• Evaluates own actions and makes judgements about performance and necessary improvements• Contributes to workplace responsibilities, such as current work site environmental/sustainability frameworks or management systems• Manages own performance to meet workplace standards• Seeks support to improve work performance• Cleans up work area, including tools and equipment
Learning	<ul style="list-style-type: none">• Identifies own learning needs and seeks skill development as required• Is open to learning new ideas and techniques
Technology	<ul style="list-style-type: none">• Uses calculators• Uses and operates a range of tools and equipment correctly and safely• Carries out pre- and post-operational checks on equipment and machines

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY

- Performs tool and equipment maintenance as required

Packaging Rules

Packaging rules

To achieve this qualification, the candidate must demonstrate competency in:

- 12 units of competency:
- 10 core units
- 2 elective units.

The elective units are to be chosen as follows:

- up to 2 units from the elective units below
- 1 unit may be chosen from Certificate I or II qualifications in CPC08 or another current Training Package or state accredited course, provided the integrity of the AQF alignment is ensured, and they contribute to a valid, industry-supported vocational outcome.

Core units

CPCCCM1012A	Work effectively and sustainably in the construction industry
CPCCCM1014A	Conduct workplace communication
CPCCCM2010A	Work safely at heights
CPCCOHS2001A	Apply OHS requirements, policies and procedures in the construction industry

Steelfixing preparation field of work

CPCCCM1013A	Plan and organise work
CPCCCM1015A	Carry out measurements and calculations
CPCCCM2001A	Read and interpret plans and specifications

Steelfixing operations field of work

CPCCSF2001A	Handle steelfixing materials
CPCCSF2002A	Use steelfixing tools and equipment
CPCCSF2004A	Place and fix reinforcement materials

Elective units

CPCCCM2009A	Carry out basic demolition
CPCCCO2014A	Carry out concrete work
CPCPCM2033A	Weld using arc welding equipment
RIIOHS202A	Enter and work in confined spaces
RIIWMG203A	Drain and dewater civil construction site