



Australian Government

CPCCSF2001 Handle steelfixing materials

Release: 3

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Modification History

- Release 3 Updated reference to general construction induction training program.
- Release 2 This version first released with CPC Construction, Plumbing and Services Training Package Release 8.0.
Changes to Performance Evidence and Knowledge Evidence.
- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
Supersedes and is equivalent to CPCCSF2001A Handle steelfixing materials.
Updated to meet the Standards for Training Packages 2012.

Application

This unit specifies the skills and knowledge required to safely and effectively handle, sort and store steelfixing materials. It includes identifying a range of commonly used materials, planning and preparing for work, safe and effective handling, sorting and storage of steelfixing materials, and completing clean-up activities.

It applies to those who work under the direction of more experienced workers to support steelfixing activities.

Completion of the general construction induction training program, specified in the Safe Work Australia model *Code of Practice: Construction Work*, is required by anyone carrying out construction work. Achievement of *CPCWHS1001 Prepare to work safely in the construction industry* meets this requirement.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry

Unit Sector

Steelfixing

Elements and Performance Criteria

Elements describe the Performance criteria describe what needs to be done to

essential outcomes.	demonstrate achievement of the element.
1 Plan and prepare to handle steelfixing materials.	1.1 Read work order and associated documentation and clarify work tasks with relevant persons. 1.2 Plan all work to comply with relevant legislation, regulations, standards, codes, work health and safety (WHS), environmental and workplace requirements. 1.3 Select plant, tools and equipment, check for serviceability and rectify or report any faults. 1.4 Erect required safety signage and barricades and fit personal protective equipment (PPE).
2 Handle, sort and stack steelfixing materials and components.	2.1 Identify and check materials and components to ensure they conform with material schedule, plans, quality requirements and specifications. 2.2 Handle materials and components safely and effectively. 2.3 Sort materials and components to suit material type and size, and stack for ease of identification and retrieval in accordance with task sequence. 2.4 Protect materials and components against physical damage and stack/store clear of traffic-ways. 2.5 Use dust suppression procedures to minimise health risk to people in the work area.
3 Handle and remove waste safely.	3.1 Handle waste materials and components correctly and safely in accordance with regulatory and workplace requirements. 3.2 Identify hazardous material for separate handling in accordance with safety data sheets (SDSs) and regulatory requirements. 3.3 Remove non-toxic materials using correct procedures in accordance with workplace requirements.
4 Clean up.	4.1 Clear work area and dispose of, reuse or recycle materials in accordance with regulatory and workplace

requirements.

- 4.2 Clean, check, maintain and store tools and equipment in accordance with manufacturer and workplace requirements.

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

Supersedes and is equivalent to CPCCSF2001A Handle steelfixing materials.

Links

Companion volumes to this training package are available at the VETNet website - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>

Assessment Requirements for CPCCSF2001 Handle steelfixing materials

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Performance Evidence

To demonstrate competency in this unit, a candidate must meet the elements and performance criteria by handling the following steelfixing materials on two occasions at two different sites:

- wire ties
- ligatures and spacer/spreader assemblies
- deformed bars
- plain rods
- bar chairs
- mesh sheets of plain bars
- mesh sheets of deformed bars
- pipe sections
- structural steel sections.

Knowledge Evidence

To be competent in this unit, a candidate must demonstrate knowledge of:

- workplace and regulatory requirements for handling steelfixing materials under applicable Commonwealth, state or territory work health and safety (WHS) legislation and codes of practice:
 - job safety and environmental analyses (JSEAs)
 - safe work method statements (SWMSs)
 - safety data sheets (SDSs)
 - safety manuals and instructions for plant, tools and equipment

- signage and barricades
- personal protective equipment (PPE)
- working at heights requirements
- environmental and worksite safety plans
- reporting problems
- scope of work for handling steelfixing materials:
 - steelfixing materials:
 - wire ties
 - ligatures and spacer/spreader assemblies
 - deformed bars
 - plain rods
 - bar chairs
 - mesh sheets of plain bars
 - mesh sheets of deformed bars
 - pipe sections
 - structural steel sections
 - methods of protecting stacked/stored materials:
 - covering
 - tying or banding
 - barricades
 - signs
 - locking away (hazardous materials)
- types, characteristics, uses and limitations of tools, equipment and materials required for handling steelfixing materials:
 - angle grinders
 - bolt cutters
 - general and hand-held power tools
 - measuring tapes and rules
 - mesh guillotines
 - oxy-acetylene sets and cutting attachments
 - reinforcement benders
 - tie wire reels
 - wire nippers
- requirements for tools, equipment and materials:
 - safe operating procedures
 - operational, maintenance and intermediate diagnostic procedures
 - workplace and equipment safety requirements
- signalling methods and communications
- requirements for cleaning up work area, maintaining and storing plant, tools, equipment and materials, and for environmentally friendly waste management.

Assessment Conditions

Assessors must meet the requirements for assessors outlined in the Standards for Registered Training Organisations.

Assessment must be conducted in the workplace or a simulated workplace using realistic conditions, materials, activities, responsibilities, procedures, safety requirements and environmental considerations.

Candidates must have access to:

- industry-standard equipment required to perform the tasks specified in the Performance Evidence
- appropriate workplace information and records, including policies, procedures and legislative requirements.

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