



Australian Government

CPCCSF2006 Machine-cut reinforcement materials

Release: 1

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Modification History

Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.

Supersedes and is equivalent to CPCCSF2006A Machine cut reinforcement materials. Updated to meet the Standards for Training Packages 2012.

Application

This unit specifies the skills and knowledge required to machine-cut reinforcement material components that form part of the construction process. It includes preparing and planning for the work, setting up the machine, cutting the reinforcing materials and completing clean-up activities.

It applies to those who work under the direction of more experienced workers to cut reinforcement materials with machine-cutting equipment for a construction project.

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 *CPCCWHS1001 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 essential outcomes.

Performance criteria describe what needs to be done to demonstrate achievement of the element.

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| 1 Plan and prepare to machine-cut reinforcement | 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, |

- materials. regulations, standards, codes, work health and safety (WHS), environmental and workplace requirements.
- 1.3 Identify hazards and determine risk controls.
 - 1.4 Select cutting machine, tools and equipment, check for serviceability and rectify or report any faults.
- 2 Set up work area to machine-cut reinforcement materials.
- 2.1 Erect required safety signage and barricades and fit personal protective equipment (PPE).
 - 2.2 Conduct measurements and select cutting method in accordance with task specification and site conditions.
 - 2.3 Clean area of flammable material and erect barriers to contain waste material from cutting process.
 - 2.4 Provide a secure and safe work environment with stable base and platform for the reinforcing material.
 - 2.5 Set up cutting machine for operation in accordance with task specifications and manufacturer requirements.
- 3 Machine-cut reinforcement materials.
- 3.1 Operate cutting machine safely in accordance with manufacturer and workplace requirements.
 - 3.2 Cut or dock reinforcement steel to prescribed lengths and configurations in accordance with task specifications.
 - 3.3 Cut fabric reinforcement to ensure allowances for element penetrations.
 - 3.4 Stack and bundle cut lengths to be included in reinforcing layout.
- 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 CPCCSF2006A Machine cut reinforcement 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>