



Australian Government

Assessment Requirements for 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.

Performance Evidence

To demonstrate competency in this unit, a candidate must meet the elements and performance criteria by machine-cutting each of the following reinforcement steel materials using a guillotine shear/cropper and an angle grinder:

- deformed bars
- mesh sheets of deformed bars
- mesh sheets of plain bars
- plain rods.

Knowledge Evidence

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

- workplace and regulatory requirements for machine-cutting reinforcement 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
- reinforcement materials:
 - cutting consumables
 - deformed bars

- mesh sheets of deformed bars
- mesh sheets of plain bars
- plain rods
- types, characteristics and limitations of tools and equipment for machine-cutting reinforcement materials:
 - guillotine shear/cropper
 - angle grinders
 - bolt cutters
 - general hand and power tools
 - measuring tapes and rules
 - tie wire reels
 - wire nippers
- requirements for using tools and equipment for machine-cutting reinforcement materials:
 - safe operating procedures
 - operational, maintenance and intermediate diagnostic procedures
 - workplace and equipment safety requirements
- 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.

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>