



Australian Government

Assessment Requirements for CPCCSF2005 Arc weld reinforcement steel

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 CPCCSF2005A Arc weld reinforcement steel. 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 arc welding reinforcement steel materials listed below for a minimum of five separate tasks:

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

Knowledge Evidence

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

- workplace and regulatory requirements for arc welding reinforcement steel 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 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
- reinforcing material to be welded:
 - deformed bars
 - plain rods
 - mesh sheets of plain bars
 - mesh sheets of deformed bars

- materials:
 - bar chairs
 - deformed bars
 - ligatures and spacer/spreader assemblies
 - mesh sheets of deformed bars
 - mesh sheets of plain bars
 - plain rods
 - welding consumables
 - wire ties
- types, characteristics and limitations of arc welding plant, tools and equipment:
 - manual metal arc welding (MMAW) equipment
 - angle grinders
 - bolt cutters
 - measuring tapes and rules
 - mesh guillotine
 - reinforcement benders
 - tie wire reels
 - wire nippers
- requirements for using arc welding plant, tools and equipment:
 - safe operating procedures
 - operational, maintenance and intermediate diagnostic procedures
 - workplace and equipment safety requirements
- requirements for cleaning up work area, maintaining and storing tools, plant, 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>