



Australian Government

Assessment Requirements for MSMPMC313 Schedule, cut and bend reinforcement

Release: 1

Assessment Requirements for MSMPMC313 Schedule, cut and bend reinforcement

Modification History

Release 1. New unit. Supersedes and is equivalent to PMC552050 Schedule, cut and bend reinforcement

Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and:

- scheduled, cut, bent and tagged reinforcement on at least 1 occasion, including:
 - monitoring the following key variables to ensure product integrity and conformance to specification:
 - shape
 - dimensions
 - dimensional tolerance
 - steel coverage
 - recognising possible causes of the following routine problems:
 - raw material variations
 - equipment malfunctions
 - design problems
 - fabrication errors.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- common types of reinforcement
- legislative or regulatory requirements relevant to job role
- automatic and semi-automatic reinforcement and ancillary equipment, including:
 - functions, limitations
 - principles of operation
 - the potential effects of equipment operation in relation to quality of product
- validation of test certificates
- reinforcement design drawings, schedules and tags
- the potential effects of variations in raw materials in relation to quality of product
- quality testing requirements
- routine problems, their probable causes and relevant corrective actions
- reinforcement hazards and:

- their possible causes
- potential consequences
- risk control procedures.

Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
 - reinforcement equipment and ancillary equipment
 - plans, specifications, procedures and job sheets
- modelling of industry operating conditions, including:
 - routine and non-routine problems.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

Companion Volume Implementation Guides are available at VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=d1287d36-dff4-4e9f-ad2c-9d6270054027>