



Australian Government

Assessment Requirements for MSMPMC320 Demould concrete products

Release: 1

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Modification History

Release 1. New unit. Supersedes and is equivalent to PMC552058 Demould concrete products

Performance Evidence

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

- demoulded at least 1 concrete product, including:
- monitoring the following key variables to ensure product integrity and conformance to specification:
 - condition of mould parts
 - mould part stock levels
 - placement of reinforcing and accessories
- recognising possible causes of the following routine problems:
 - raw material and mix variations
 - mould anomalies
 - casting and operating conditions
 - process errors.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- common types of moulds, mould parts and their role
- causes and impact of mould wear
- indicators of common product and mould faults
- function of mould lubricants
- role of reinforcement, types of reinforcement and significance of concrete cover
- the potential effects of variations in raw materials and equipment operation in relation to quality of product
- routine problems and factors which may affect product quality or production output, their probable causes and relevant corrective actions
- hazards from pre-stressed reinforcement
- demoulding hazards and:
 - their possible causes
 - potential consequences
 - risk control procedures.

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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:
 - concrete products and moulds
 - 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>