



Australian Government

Assessment Requirements for MSMPMC322 Deliver concrete to site

Release: 1

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Modification History

Release 1. New unit. Supersedes and is equivalent to PMC552061 Deliver concrete to site

Performance Evidence

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

- delivered concrete to site using an agitator or similar on at least 1 occasion, including:
- monitoring the following key variables to ensure product integrity and conformance to specification:
 - slump
 - amount of added water
 - delays and breakdowns
 - quantity and mix of materials
 - site conditions and access
 - equipment maintenance and repair needs
- recognising possible causes of the following routine problems:
 - incorrect quantity of materials
 - contaminated materials and additives
 - wrong raw materials and additives
 - incorrect mixing time and technique
 - equipment faults, damage, failure.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- AS1379: Specification and supply of concrete or equivalent
- principles of mixing concrete for on-site delivery
- equipment, including:
 - start-up, operation and shutdown procedures
 - limitations and impact on blending and mixing efficiency and effectiveness
 - the potential effects of equipment operation in relation to quality of product
- slump measurement
- customer service
- relevant road rules
- safety protocols for on-site delivery

- waste disposal requirements
- relationship between mixing time, water-cement ratio and product quality
- the potential effects of variations in raw materials and processes 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
- delivery 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:
 - agitator and truck and ancillary equipment
 - concrete to be delivered
 - 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>