



Australian Government

MSMPMC319 Finish casting operation

Release: 1

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Modification History

Release 1. New unit. Supersedes and is equivalent to PMC552057 Finish casting operation

Application

This unit describes the skills and knowledge required to finish casting operations by fitting reinforcement and accessories to products before curing.

This unit applies to operators who are required to take responsibility for own outputs and follow established procedures to ensure the mould is stable, position reinforcement and fittings and top up and cover mould. Operators are also required to work autonomously and apply their own judgement to interpret information; monitor processes; identify and address routine and non-routine problems and control hazards.

This unit applies to an individual working alone or as part of a team or group and in liaison with other shift team members, team leader and supervisor.

No licensing or certification requirements exist at the time of publication. Relevant legislation, industry standards and codes of practice within Australia must be applied.

Pre-requisite Unit

Nil

Competency Field

Operations

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Adjust and level mould and accessories	1.1 Ensure position of mould base is level and stabilised according to standard operating procedures (SOPs) 1.2 Adjust level of pipes and other accessories already fitted
2. Position and fit reinforcement and accessories	2.1 Place reinforcement in green concrete 2.2 Place fittings and accessories in concrete to specification
3. Top up mould and finish	3.1 Top up and cover mould according to work instructions

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	3.2 Finish and patch product to specification 3.3 Clean mould and work site
4. Rectify routine problems	4.1 Identify and rectify faults and equipment failure 4.2 Maintain records and log books of equipment operations 4.3 Identify non-routine problems and report to designated person
5. Control hazards	5.1 Identify finishing hazards 5.2 Assess the risks arising from those hazards 5.3 Implement measures to control those risks

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

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Links

Companion Volume Implementation Guides are available at VETNet -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=d1287d36-dff4-4e9f-ad2c-9d6270054027>