



Australian Government

Assessment Requirements for MSMPMC310 Hand mould products

Release: 1

Assessment Requirements for MSMPMC310 Hand mould products

Modification History

Release 1. New unit. Supersedes and is equivalent to PMC552024 Hand mould products.

Performance Evidence

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

- hand moulded and finished at least 1 product or component, including:
 - monitoring the following key variables to ensure product integrity and conformance to specification:
 - supply of materials
 - specification of materials
 - distribution and compaction of materials
 - stability of mould and/or former and inserts
 - sectional profile of product
 - recognising possible causes of the following routine problems:
 - raw material variations
 - equipment malfunctions
 - process abnormalities.
 -

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- content and handling characteristics of the materials being moulded and:
 - typical curing and drying requirements
 - methods of repairing products
 - types of faults that can be repaired
 - types of faults that cannot be repaired
- functions and principles of operation of moulds and formers
- mould or former maintenance and inspection requirements
- the potential effects of variations in raw materials and process conditions in relation to quality of product and output
- routine problems and factors which may affect product quality or production output, their probable causes and relevant corrective actions
- work health and safety (WHS) requirements relevant to work outcome
- hand moulding 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:
 - moulding, curing and finishing equipment and ancillary equipment
 - materials and products to be moulded and finished
 - 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>