



Australian Government

MEM08016 Control blast coating by-products, materials and emissions

Release: 1

MEM08016 Control blast coating by-products, materials and emissions

Modification History

Release 1. Supersedes and is equivalent to MEM08016B Control blast coating by-products, materials and emissions

Application

This unit of competency defines the skills and knowledge required to identify, evaluate and control blaster coating by-products, materials and emissions, including using common containment practices and waste removal processes.

Where the interpretation of technical drawings is required unit MEM09002 Interpret technical drawing should also be selected.

Where the selection and use of engineering measurement is required unit MEM12023 Perform engineering measurements should also be selected.

Where the selection and use of tools is required unit MEM18001 Use hand tools and unit MEM18002 Use power tools/hand held operations, should also be selected as appropriate.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Band: A

Unit Weight: 1

Pre-requisite Unit

MEM11011	Undertake manual handling
MEM13003	Work safely with industrial chemicals and materials
MEM13015	Work safely and effectively in manufacturing and engineering
MEM16006	Organise and communicate information

Competency Field

Surface finishing

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

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|---|---|--|
| 1 | Determine job requirements | 1.1 Follow standard operating procedures (SOPs) |
| | | 1.2 Comply with work health and safety (WHS) requirements at all times |
| | | 1.3 Use appropriate personal protective equipment (PPE) in accordance with SOPs |
| | | 1.4 Identify job requirements from specifications, job sheets or work instructions |
| 2 | Apply specific health and safety considerations to surface preparation | 2.1 Identify products, hazardous materials and processes used in blaster cleaning and coating operations |
| | | 2.2 Identify unsafe working conditions and report to appropriate personnel |
| 3 | Control by-products, materials and emissions | 3.1 Contain by-products, materials and emissions using established procedures |
| | | 3.2 Monitor by-products, materials and emissions and direct to appropriate treatment or storage area |
| | | 3.3 Check monitoring devices for correct/continuous operation |
| | | 3.4 Record status and report in accordance with procedures |
| 4 | Dispose of by-product, materials and emissions | 4.1 Apply waste treatment processes and in accordance with SOPs, as required |
| | | 4.2 Carry out treatment processes to meet relevant authority waste requirements |

Foundation Skills

This section describes those required skills (reading, writing, oral communication and numeracy) that are essential to workplace performance in this unit of competency.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

This field allows for different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, accessibility of the item, and local industry and regional contexts) are included.

Monitoring devices • pH meters
include one (1) or more of • probes
the following:

Waste treatment processes • neutralisation
include one (1) or more of • metals precipitation
the following: • solid separation (gravity/centrifuging)

Unit Mapping Information

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Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b7050d37-5fd0-4740-8f7d-3b7a49c10bb2>