



Australian Government

Assessment Requirements for MSFFF3012 Apply plural component coatings

Release: 1

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Modification History

Release 1. Changes to code, application, elements, performance criteria, assessment requirements. Foundation skills added. Range of conditions removed. Assessment requirements changed.

Performance Evidence

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

- apply plural component coatings on at least 3 occasions, including all of the following:
 - acid catalysed
 - two-part polyurethane
 - polyester.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- application techniques including brushing and spraying
- characteristics of acid catalysed, polyurethane and polyester coatings
- materials used to apply plural component coatings, including:
 - two-part polyurethane
 - two/three-part polyester
 - acid catalysed lacquer
 - solvents
- methods to prevent contamination of surfaces during and after coating
- workflow in relation to the application of polyurethane and polyester
- tools and equipment commonly used to apply plural component coatings, including:
 - liquid containers
 - rubber gloves
 - positive pressure air-wash face masks
 - positive pressure water-wash spray booths
 - protective clothing
 - spray guns
 - compressor
 - air lines
 - brushes

- sanding block
- orbital sanders
- sources of workplace information, including:
 - workplace procedures relating to the use of tools and equipment
 - work instructions
 - workplace procedures relating to reporting and communication
 - manufacturer specifications and operational procedures
- work health and safety requirements, including personal protective equipment (PPE).
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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:
 - work orders
 - spray application equipment required for performance evidence
 - PPE
 - items to be coated
 - acid catalysed, polyurethane and polyester coatings
 - workplace procedures, manufacturing specifications, codes, standards, manuals, and reference materials.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

Companion Volume implementation guides are found in VETNet – -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73>