



Australian Government

Assessment Requirements for MSFFF2014

Apply surface coatings by spray gun

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 all the tasks outlined in the elements and performance criteria of this unit, and demonstrated the ability to:

- select and apply surface coatings, including the adjustment of spray equipment to achieve required spray pattern, on at least 3 occasions so that the coatings are free of faults, with a consistent sheen, and meet workplace quality standards. At least 2 of the following surface types must be included:
- solid timber
- manufactured board
- veneer board
- metal.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- types of spray equipment, including:
 - conventional air spray guns and airless spray guns
 - high volume/low pressure (HVLP) air-assisted and airless spray guns
- spray processes
- types of coating, including:
 - pre-catalysed lacquer
 - acid catalysed lacquer and nitro-cellulose lacquer
 - one-pot polyurethane and water-based coatings
 - stains, lacquers, polish, enamels and acrylics
- methods to prevent contamination of surfaces during and after surface coating
- workflow for spraying operations
- the function of tools and equipment commonly used in applying spray coatings, including at least 6 of the following:
 - pressure feed systems
 - spray booth
 - liquid containers

- air compressor and hoses
- air regulator
- positive pressure air-wash masks
- canister-type face masks
- screwdrivers
- shifting spanner and spanners
- 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 manual handling procedures and the use of 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
 - items requiring spray coatings
 - spray equipment, spray booth, coatings and cleaning products required for performance evidence
 - PPE
 - 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/https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73>