



Australian Government

MSFFF2013 Maintain spray equipment and booth

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.

Application

This unit describes the skills and knowledge required to strip, clean, restore and service spray equipment and booths.

Workers with this competency undertake entry-level work under supervision in the furnishing industry.

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

Competency Field

Furniture finishing

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Prepare for task	1.1 Determine task requirements, including timings, equipment to be maintained, materials and efficient work methods, from work documentation 1.2 Identify and follow work health and safety requirements 1.3 Identify materials, tools, equipment and accessories and check for safe and effective operation 1.4 Clear work area of unwanted stock, products and materials in accordance with workplace procedures 1.5 Isolate equipment from power sources and make safe in accordance with workplace procedures
2 Maintain the equipment	2.1 Dismantle equipment in accordance with manufacturer specifications and workplace procedures 2.2 Lay out components in a logical re-assembly sequence 2.3 Clean and service components using authorised materials,

Elements	Performance Criteria
	tools and equipment 2.4 Inspect components and repair or replace faulty items or refer them for further maintenance action 2.5 Re-assemble equipment and perform operational tests 2.6 Record and report on equipment maintenance in accordance with workplace procedures
3. Maintain booths	3.1 Neutralise sources of combustion and ignition throughout the work sequence 3.2 Inspect and clean out ventilation and other services and replenish, replace or refer for required further maintenance action 3.3 Clean and restore surfaces and floors in accordance with workplace procedures and standards 3.4 Clean and restore materials and consumable stores in accordance with workplace procedures and standards

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

- Reading skills to interpret familiar workplace procedures and work documentation
- Writing skills to communicate simple information in familiar workplace documents
- Numeracy skills to measure and calculate area and estimate material requirements.

Other foundation skills essential to performance are explicit in the performance criteria of this unit.

Unit Mapping Information

Release 1. Supersedes and is equivalent to MSFFF2005 Maintain spray equipment and booth.

Links

Companion Volume implementation guides are found in VETNet –

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

Assessment Requirements for MSFFF2013 Maintain spray equipment and booth

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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:

- disassemble, maintain and re-assemble at least 2 of the following spray systems:
 - computerised spray system
 - electrostatic spray gun
 - powder-coating spray gun
 - air compressor, including its hoses and dryers
 - conventional suction-fed spray gun
 - conventional gravity-fed spray gun
 - pressure pot system
 - airless spray system
- maintain a booth and booth services on at least 2 occasions, from either of the following types of booth:
 - dry filter bath
 - purpose-designed, positive-pressure, down-draft water booth.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- spray system equipment and procedures
- maintenance requirements for spray booth services, including:
 - ventilation
 - lighting
 - water
 - electrical reticulation
 - paint lines
 - consumables storage areas
- types of cleaning solvents and agents and their characteristics
- material safety management systems
- sources of work 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
- common types of materials used in maintaining spray equipment and booths, including:
 - water
 - solvents and other cleaning compounds and chemicals
 - rags
 - steel wool
 - brushes
 - hoses
 - brooms
 - squeegees
- common types of tools used in maintaining spray equipment and booths, including:
 - liquid containers
 - feeding systems
 - spray guns
 - scrapers (non-ferrous) screwdrivers
 - shifting spanners
 - spanners
 - work health and safety requirements, including personal protective equipment (PPE).

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 systems and equipment, spray booth, cleaning and maintenance materials 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

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