



Australian Government

MSFFF2005 Maintain spray equipment and booth

Release: 1

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Modification History

Release 1 - New unit of competency

Application

This unit of competency covers stripping, cleaning, restoring and servicing spray equipment and booths.

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

Pre-requisite Unit

Competency Field

Unit Sector

Furniture 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 | Prepare for work | 1.1 | Work instructions are used to determine job requirements, including timings, equipment to be maintained and materials |
| | | 1.2 | Work health and safety (WHS) requirements, including ventilation and personal protection needs, are observed throughout the work |
| | | 1.3 | Tools, equipment and accessories are identified and checked for safe and effective operation |
| | | 1.4 | Work area is cleared of unwanted stock, products and materials |
| | | 1.5 | Equipment is isolated from power sources and made safe in accordance with site procedures |

- 2 Maintain the equipment
 - 2.1 Equipment is dismantled in accordance with manufacturer specifications and site procedures
 - 2.2 Components are laid out in a logical re-assembly sequence
 - 2.3 Components are cleaned and serviced using authorised materials and tools/equipment
 - 2.4 Components are inspected and faulty items repaired, replaced or referred for further maintenance action
 - 2.5 Equipment is re-assembled and operations are tested
 - 2.6 Equipment maintenance is reported/recorded in accordance with site procedures
- 3 Maintain booths
 - 3.1 Combustion and ignition sources are neutralised throughout the work sequence
 - 3.2 Ventilation and other services are inspected for operation, cleaned out and, where appropriate, replenished, replaced or referred for further maintenance action
 - 3.3 Surfaces and floors are cleaned and restored in accordance with site and industry standards
 - 3.4 Materials and consumable stores are cleaned and restored in accordance with site, industry and regulatory standards

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency. Detail on appropriate performance levels for each furnishing unit of competency in reading, writing, oral communication and numeracy utilising the Australian Core Skills Framework (ACSF) are provided in the Furnishing Training Package Implementation Guide.

Range of Conditions

Specifies different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included. Range is restricted to essential operating conditions and any other variables essential to the work environment.

- Unit context includes:**
- WHS requirements, including legislation, building codes, material safety management systems, hazardous and dangerous goods codes, and local safe operating procedures or equivalent
 - work is carried out in accordance with legislative obligations, environmental legislation, relevant health regulations, manual handling procedures and organisation insurance requirements
- Spray equipment includes:**
- computerised spray system
 - electrostatic spray gun
 - powder coating spray gun
 - air compressor, and hoses and dryers
- Booths include:**
- dry filter bath
 - purpose-designed, positive-pressure, down-draft water booth
- Booth services include:**
- lighting
 - ventilation
 - electricity supply
 - water supply
 - paint lines
 - consumables storage areas
- Tools and equipment include:**
- liquid containers
 - feeding systems
 - spray guns
 - scrapers (non-ferrous) screwdrivers

- Materials include:**
- shifting spanner
 - spanners
 - water
 - solvents
 - other cleaning compounds and chemicals
 - rags
 - steel wool
 - brushes
 - hoses
 - brooms
 - squeegees
- Personal protective equipment includes:**
- that prescribed under legislation, regulations and enterprise policies and practices
- Information and procedures include:**
- workplace procedures relating to the use of tools and equipment
 - work instructions, including job sheets, cutting lists, plans, drawings and designs
 - workplace procedures relating to reporting and communication
 - manufacturer specifications and operational procedures

Unit Mapping Information

Supersedes and is equivalent to LMFFF2005B Maintain spray equipment and booth

Links

MSA Training Package Companion Volumes - <http://mskills.com.au/training-packages/info/>