



Australian Government

MSFFT5003 Manage installation and commissioning of equipment

Release: 1

MSFFT5003 Manage installation and commissioning of equipment

Modification History

Release 1 - New unit of competency

Application

This unit of competency covers planning and managing installation and commissioning of equipment in a manner which minimises disruption and facilitates continuing optimum production outcomes.

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

Pre-requisite Unit

Competency Field

Unit Sector

Furnishing Technology

Elements and Performance Criteria

Elements describe the essential outcomes.

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

- | | | | |
|---|--|-----|--|
| 1 | Prepare work | 1.1 | Items to be included in work plan and specification document are identified and confirmed |
| | | 1.2 | Legal, environmental and work health and safety (WHS) requirements related to installation and commissioning of equipment/systems are identified |
| | | 1.3 | Work plan for installation and commissioning of equipment/systems is drawn up, including management and reporting procedures |
| | | 1.4 | Specification document is prepared according to workplace and/or manufacturer procedures |
| 2 | Coordinate and monitor installation arrangements | 2.1 | Arrangements for the installation and commissioning of equipment, including necessary legal, insurance and safety requirements, are coordinated in accordance with |

- workplace and/or legislative procedures
- 2.2 Contract arrangements for the installation and commissioning of equipment/systems are coordinated in accordance with workplace procedures
 - 2.3 Installation process, including testing, is monitored to ensure compliance with contractual requirements
 - 2.4 Variations are dealt with to ensure installation meets specification requirements
- 3 Manage installation schedules and budgets
 - 3.1 Installation process is monitored to ensure compliance with installation specifications, schedule and budget
 - 3.2 Scheduling and budgeting processes are adjusted where variations or alternative plans are indicated
 - 3.3 Deviations are documented and reported
 - 4 Administer legal, environmental and WHS requirements
 - 4.1 Formal processes of the organisation are used to document the administration of regulatory requirements
 - 4.2 Legal, environmental and WHS requirements related to installation and commissioning of equipment/systems are defined
 - 4.3 Monitoring of the process is carried out to ensure compliance with legal, environmental and WHS requirements related to installation and commissioning of equipment/systems
 - 5 Conduct trials to confirm operating status of equipment
 - 5.1 Machine operations are evaluated in a trial run and results confirmed against requirements
 - 5.2 Machines are adjusted to achieve performance outcome specifications
 - 5.3 Employee duties are communicated to match equipment operating requirements
 - 5.4 Maintenance documentation is completed and processed
 - 5.5 Process and machine specification documentation is completed and appropriate records maintained
 - 6 Assess and report on
 - 6.1 Completed work is assessed to confirm required

completion of
installation

specifications have been met

- 6.2 Report on work completed is prepared in accordance with enterprise procedures

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
- work requires individuals to demonstrate conceptual and analytical ability, discretion, judgement and problem solving with minimal supervision and direction
- installation and commissioning may follow an established process or it may require a unique process to cover a one-off situation
- work may involve a multi-disciplinary group, including those with specific regulatory authority for aspects of the work
- customers or suppliers may be internal or external
- microprocessor or computer-controlled machines
- production and facility equipment used in the enterprise

Machines and equipment include:

Personal protective

- that prescribed under legislation, regulations and enterprise policies and practices

equipment includes:**Information and procedures include:**

- work procedures/instructions
- manufacturer specifications and instructions
- standard forms of workplace process and procedures
- organisation work specifications and requirements
- legislation, regulations and codes of practice
- quality and Australian Standards and procedures

Unit Mapping Information

Supersedes and is equivalent to LMFFT5003B Manage installation and commissioning of equipment.

Links

Companion Volume implementation guides are found in VETNet -

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