



Australian Government

Assessment Requirements for MSFFDM5002 Coordinate and optimise workplace maintenance programs

Release: 1

Assessment Requirements for MSFFDM5002 Coordinate and optimise workplace maintenance programs

Modification History

Release 1. Unit code and title changed. Application changed. Elements and Performance Criteria changed. Range of Conditions removed and relevant content moved to Assessment Requirements. Assessment Requirements changed to remove duplication with Performance Criteria. Supersedes and is not equivalent to MSFFT5005 Organise enterprise maintenance programs and MSFFT5007 Optimise computer numerically controlled operations.

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:

- establish the maintenance program for one significant production operation that includes:
 - at least one computer numerically controlled operation
 - coordination of maintenance within the context of production schedules
 - identification of resource requirements for maintenance, including skills of employees involved
 - recording and reporting requirements to provide system visibility and accountability potential
 - identification of opportunities for optimisation across the operation, including for automated processes
- complete one cost–benefit analysis of an existing and significant maintenance program and suggest improvements to maintenance operations and, where authorised, negotiate changes.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- contemporary equipment maintenance theories covering benefits and costs
- the effects of production schedules, time and resource requirements when scheduling the maintenance process
- risk analysis processes
- workplace operating procedures, including procedures for maintenance
- operation requirements of equipment and work systems in the work area, including:
 - computer numerically controlled (CNC) operations
 - competency requirements of the maintenance work activities
 - workplace health and safety maintenance system requirements
- work instructions, operating procedures and inspection processes to:
 - minimise the risk of injury to self or others

- prevent damage to goods, equipment and products
- maintain required production output and product quality.

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:
 - production schedules and other relevant workplace information
 - access to CNC equipment.

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>