



Australian Government

MSS404086 Assist in implementing a proactive maintenance strategy

Release: 1

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Modification History

Release 1. Unit code changed. Application changed. Performance criteria changed. Range of conditions removed. Assessment requirements changed. Supersedes and is equivalent to MSS404082 Assist in implementing a proactive maintenance strategy.

Application

This unit describes the skills and knowledge required by a maintenance person to assist in the implementation of a proactive maintenance strategy in an organisation. This unit includes the interaction between a maintenance worker and operators, as appropriate.

This unit applies to a maintenance person in an organisation that has adopted or is implementing total preventative and/or productive maintenance (TPM), reliability centred maintenance (RCM) or similar strategies. As part of this, the maintenance person is expected to assist in the implementation by determining appropriate maintenance related schedules and also by providing maintenance related assistance to non-maintenance personnel, such as assisting production personnel to fulfil their role in the TPM/RCM strategy.

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

Pre-requisite Unit

Nil.

Competency Field

Competitive systems and practices

Unit Sector

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. Develop components of reliability strategy for a work or plant area	1.1	Read and interpret manufacturer's recommended inspection, servicing and related schedules for relevant plant

	1.2	Communicate appropriate inspections, services and schedules to stakeholders
	1.3	Discuss any conflicts and seek resolution of conflicts
	1.4	Develop schedules in liaison with stakeholders
	1.5	Identify inspections and servicing which may be done by operations personnel in liaison with stakeholders
2. Assess current practice for maintenance implications	2.1	Identify the overall equipment effectiveness (OEE) and organisation targets for equipment
	2.2	Evaluate procedures for equipment reliability implications
	2.3	Discuss current practices with stakeholders to determine equipment reliability implications
	2.4	Recommend changes to improve equipment reliability in accordance with procedures
3. Assist in implementing the reliability strategy	3.1	Arrange for schedules to be incorporated into work plans
	3.2	Identify training needs in discussion with key personnel
	3.3	Assist personnel to develop required skills for inspections and servicing within scope of authority
	3.4	Collect data and information as required by own work plan
	3.5	Compare data and information with performance indicators
	3.6	Recommend improvements to reliability strategy in accordance with procedures

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Unit Mapping Information

Supersedes and is equivalent to MSS404082 Assist in implementing a proactive maintenance strategy.

Links

The MSS Sustainability Companion Volume Implementation Guides are available from VETNet: -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=5b04f318-804f-4dc0-9463-c3fb9a3fe998>

Assessment Requirements for MSS404086 Assist in implementing a proactive maintenance strategy

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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:

- assisted in implementing a proactive maintenance strategy in at least 1 organisation.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- requirements of the proactive maintenance strategy being implemented
- operating principles and procedures for equipment and plant subject to proactive maintenance strategy
- purpose and processes for data collection in proactive maintenance strategies
- procedures relevant to own job and organisation implementation of proactive maintenance
- methods of making and recommending improvements.

Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions, contingencies, facilities, equipment and resources.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

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