![Australian Government](Australian Government logo with coat of arms)

MSS014012 Apply proactive maintenance strategies to sustainability

Release: 1

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Modification History

Release 1. Updated unit code. Changes to performance criteria. Range of conditions removed. Assessment requirements amended. Equivalent outcome.

Application

This unit describes the skills and knowledge to use a proactive maintenance strategy to improve the sustainability outcomes of equipment, plant or process. This unit includes the interaction between maintenance worker and operator as appropriate.

This unit applies where an organisation has decided to adopt or is implementing total preventative maintenance or total productive maintenance (TPM), reliability centred maintenance (RCM) or similar strategies (jointly referred to as 'proactive maintenance' in this unit) to improve their sustainability outcomes as well as their maintenance outcomes.

The unit applies to processes and operations, products made, internal and external support services and the services offered, and use of sites by another organisation.

The unit applies to individuals who have maintenance related responsibilities, including but not limited to, mechanical, electrical, fabrication and other tradespersons, technicians and operators with maintenance related responsibilities.

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

Sustainable operations

Unit Sector

Not applicable

Elements and Performance Criteria

Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.	
1 **Define sustainability**	1.1	Identify sustainability goals of enterprise as they relate to work area

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issues for work area	1.2 Identify actual or possible sustainability issues in work area
	1.3 Identify current maintenance strategy for work area
	1.4 Identify changes to maintenance strategy which may improve sustainability outcomes
	1.5 Consult with stakeholders about sustainability issues and maintenance changes
2 **Assess current maintenance practice for sustainability implications**	2.1 Evaluate current maintenance procedures for plant and equipment sustainability implications
	2.2 Discuss current maintenance practices with stakeholders to determine any plant and equipment sustainability issues
	2.3 Recommend changes to improve plant and equipment sustainability impact in accordance with procedures
3 **Implement the sustainable maintenance strategy and practices for the work area**	3.1 Arrange for approved changes to be incorporated into procedures and work plans
	3.2 Identify training needs in liaison with relevant personnel
	3.3 Support personnel to develop required competencies
	3.4 Collect data according to own work plan
	3.5 Develop required information and compare with performance indicators
	3.6 Recommend sustainability improvements in accordance with procedures
	3.7 Monitor implementation of improvements and recommend any further required changes

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance.

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

Unit Mapping Information

Release 1. Supersedes and is equivalent to MSS014005 Apply proactive maintenance strategies to sustainability.

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

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