



Australian Government

MSS402085 Contribute to the application of a proactive maintenance strategy

Release: 1

MSS402085 Contribute to the application of a proactive maintenance strategy

Modification History

Release 1. Unit code changed. Application changed. Elements changed. Performance Criteria changed. Foundation Skills populated. Range of Conditions removed. Assessment Requirements changed. Supersedes and is equivalent to MSS402081 Contribute to the application of a proactive maintenance strategy.

Application

This unit describes the skills and knowledge required to apply proactive maintenance procedures to own work and equipment and/or plant.

This unit applies to an individual who is required to follow procedures for cleaning, servicing and adjusting equipment and/or plant within their area of responsibility and to contribute to equipment uptime and overall equipment effectiveness (OEE).

This unit applies to any organisation that is implementing total preventative and/or productive maintenance (TPM), reliability centred maintenance (RCM) or similar proactive maintenance strategies.

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

Competency Field

Competitive systems and practices

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. Maintain equipment/plant	1.1 Keep equipment/plant within area of responsibility clean 1.2 Ensure equipment/plant is serviced and adjusted in accordance with procedures and own level of responsibility 1.3 Access manufacturer manuals and specifications to expand knowledge on maintenance of equipment/plant 1.4 Access documentation and update records on equipment and/or plant operation and maintenance in accordance with workplace procedures
2. Monitor operation of	2.1 Regularly check key conditions of equipment/plant as defined in

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
equipment/plant	workplace procedures 2.2 Check equipment/plant OEE in accordance with schedules 2.3 Note any deviation from conditions specified in procedures
3. Identify deviations	3.1 Identify any previous occurrences of deviation 3.2 Identify any related deviations which have occurred 3.3 Identify any unusual occurrence which may be related to deviation
4. Take action in response to deviation	4.1 Liaise with relevant people regarding the deviation and possible solutions 4.2 Implement solution within area of responsibility and/or assist others with implementation of solution

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

- Reading skills to interpret workplace documentation and manufacturer manuals and specifications
- Writing skills to update records
- Oral communication skills to discuss deviations and solutions
- Numeracy skills to interpret and apply servicing and adjustment specifications, identify deviation
- Learning skills to identify own development needs.

Other foundation skills essential to performance are explicit in the performance criteria of this unit.

Unit Mapping Information

Release 1. Supersedes and is equivalent to MSS402081 Contribute to the application of a proactive maintenance strategy.

Links

Companion Volume Implementation Guides are found in VETNet – -

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

Assessment Requirements for MSS402085 Contribute to the application of a proactive maintenance strategy

Modification History

Release 1. Unit code changed. Application changed. Elements changed. Performance Criteria changed. Foundation Skills populated. Range of Conditions removed. Assessment Requirements changed. Supersedes and is equivalent to MSS402081 Contribute to the application of a proactive maintenance strategy.

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:

- complete these requirements, either:
 - in relation to at least 2 items of equipment/plant; or
 - on at least 2 occasions in relation to one item of equipment/plant.
-

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- identifying trends and other non-random variation
- determining OEE (availability x performance x quality rate) and uptime metrics
- principles of operation of plant/equipment and factors likely to cause deviations in performance
- identifying deviations requiring action
- appropriate actions for dealing with deviations
- equipment manuals and specifications.
-

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:
 - proactive maintenance system and procedures
- modelling of industry operating conditions.

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=5b04f318-804f-4dc0-9463-c3fb9a3fe998>