



Australian Government

MSTGN2024 Perform minor maintenance

Release: 1

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Modification History

Release 1. Unit code and Application changed. Elements and Performance Criteria simplified and updated with Element 1 removed. Foundation Skills field populated. Range of Conditions removed. Assessment Requirements clarified with generic foundation skills statements moved to appropriate section and duplication with Performance Criteria removed. Supersedes and is equivalent to MSTGN2005 Perform minor maintenance.

Application

This unit describes the skills and knowledge required to check machine performance and complete minor adjustments and maintenance on production machines.

This unit applies to individuals working in accordance with established procedures on routine and minor maintenance tasks. The individual may also be the machine operator. This unit does not apply to machine mechanics who undertake more significant machine repair and maintenance.

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

Work involves limited discretion, initiative and judgement on the job in own work, including liaison with specialist mechanics and technicians.

Pre-requisite Unit

Nil

Competency Field

Generic

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. Operate machine and assess performance	1.1 Start and stop machine in accordance with manufacturer operating instructions 1.2 Monitor machine operation and confirm it is operating according to specifications 1.3 Inspect product output and confirm required quality is being achieved

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
	1.4 Identify operational faults based on results of monitoring and inspection
2. Rectify minor machine faults	2.1 Rectify minor faults in machine and associated equipment in accordance with manufacturer instructions and workplace procedures 2.2 Complete accurate records of fault rectification in accordance with workplace procedures 2.3 Identify major faults and report in accordance with workplace procedures
3. Maintain effective machine operation	3.1 Clean machine in accordance with manufacturer cleaning instructions and work schedules 3.2 Complete routine maintenance tasks in accordance with manufacturer instructions and record in accordance with workplace procedures 3.3 Check machine to ensure correct operation after maintenance activities

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 familiar workplace procedures and basic aspects of unfamiliar manufacturer instruction/technical specification manuals
- Writing skills to communicate simple factual information in familiar workplace documents
- Numeracy skills to interpret numerical information in manuals and adjust settings on machinery.

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 MSTGN2005 Perform minor maintenance.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a203ec5c-de7d-406b-b3e1-8f1a9b76e92e>

Assessment Requirements for MSTGN2024 Perform minor maintenance

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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 demonstrated the ability to:

- follow procedures for the starting, monitoring and stopping of machines on at least two occasions
- complete and record routine cleaning and maintenance activities on two occasions
- identify and rectify two minor faults in machinery.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- operations of the machinery being used:
 - safe work practices and procedures and use of personal protective equipment (PPE)
 - process and output quality indicators
 - typical fault conditions and related fault-finding and rectifications procedures
 - basic machine maintenance techniques
 - how to use manufacturer instruction and technical specification manuals
- workplace recording and reporting practices.
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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 machinery and associated equipment
 - items for processing
 - workplace procedures.

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

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