



Australian Government

MSTGN2005 Perform minor maintenance

Release: 1

MSTGN2005 Perform minor maintenance

Modification History

Release 1. Supersedes and is equivalent to LMTGN2005B Perform minor maintenance

Application

This unit of competency covers skills and knowledge to provide minor maintenance of production machines.

The unit of competency applies to checking machine performance and undertaking minor adjustments to production machines.

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

Work may be conducted in a variety of environments, such as operational workplace activities, restricted space and hazardous, controlled or exposed conditions.

Work may be undertaken on a range of machines that may include microprocessor or computer controls.

This unit of competency is applicable to all sectors of the textiles, clothing and footwear (TCF) industry.

Work may be conducted in small to large scale enterprises and may involve individual and team activities.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Competency Field

Generic

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 | Determine job | 1.1 | Follow standard operating procedures (SOPs) |
|---|----------------------|-----|---|

	requirements	1.2	Comply with work health and safety (WHS) requirements at all times
		1.3	Use appropriate personal protective equipment (PPE) in accordance with SOPs
		1.4	Identify job requirements from specifications, drawings, job sheets or work instructions
2	Operate machine and assess performance	2.1	Start and stop machine according to manufacturer requirements
		2.2	Monitor machine operation and production readings to ensure correct procedures are assessed and product meets quality standards
		2.3	Identify and report problem with machine
3	Rectify minor machine fault	3.1	Identify, address and report minor tool faults in machine and associated equipment, where necessary, to meet specified requirements
		3.2	Identify, document and report major machine or product faults and inform appropriate personnel
		3.3	Complete machine maintenance records and other documentation accurately
4	Maintain effective machine operation	4.1	Clean machine according to WHS practices and schedules, workplace procedures and manufacturer cleaning instructions
		4.2	Lubricate machine according to workplace requirements and schedules, workplace procedures and manufacturer lubricating instructions
		4.3	Check machine to ensure correct operation

Foundation Skills

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

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

Range of Conditions

This field allows for different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included.

Workplace procedures include one or more of the following:

- requirements prescribed by legislation, awards, agreements and conditions of employment
- SOPs
- work instructions
- oral, written and visual communication
- quality practices, including responsibility for maintenance of own work quality and contribution to quality improvement of team or section output
- housekeeping
- tasks related to environmental protection, waste disposal, pollution control and recycling
- WHS practices

Australian Standards include:

- the relevant industry or Australian Standards that are current at the time this unit is being undertaken

Unit Mapping Information

Release 1. Supersedes and is equivalent to LMTGN2005B 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 MSTGN2005 Perform minor maintenance

Modification History

Release 1. Supersedes and is equivalent to LMTGN2005B Perform minor maintenance

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy the requirements of the elements and performance criteria, and include:

- reading and following work instructions, standard operating procedures (SOPs), safe work practices
- applying relevant standards
- starting and stopping machines and undertaking machine maintenance according to specifications, on at least two (2) occasions
- recognising fault conditions
- monitoring operating performance of machine, including machine production readings, against machine specifications
- making minor adjustments to rectify minor machine faults or problems
- completing all required tasks within job role for maintaining machine operations
- applying workplace procedures
- recording and reporting machine or product faults.

Knowledge Evidence

Evidence must be provided that demonstrates knowledge of:

- safe work practices and procedures and use of personal protective equipment (PPE)
- relevant Australian Standards
- procedures and guidelines for safe operation and maintenance of machines
- typical fault conditions and related fault-finding procedures
- basic machine maintenance and repair techniques
- cleaning and lubricating techniques
- technical specifications manuals
- quality standards and practices
- workplace procedures
- recording and reporting practices.

Assessment Conditions

- Assessors must:
 - satisfy the assessor competency requirements that are in place at the time of the assessment, as set by the VET regulator

- have vocational competency in performing minor machine maintenance, at least to the level being assessed, with relevant industry knowledge and experience.
- Assessment should occur in operational workplace situations. Where this is not possible, or where personal safety or environmental damage are limiting factors, assessment must occur in a sufficiently rigorous simulated environment reflecting realistic operational workplace conditions. This must cover all aspects of workplace performance, including environment, task skills, task management skills, contingency management skills and job role environment skills.
- Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.
- Conditions for assessment must include access to all tools, equipment, materials and documentation required, including relevant workplace procedures, product and manufacturing specifications associated with this unit.
- The unit is applicable to all TCF sectors and assessment must ensure it is delivered to suit the industry it is being applied to.

Links

Companion Volume implementation guides are found in VETNet -

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