



Australian Government

Department of Education, Employment and Workplace Relations

AHCMOM203A Operate basic machinery and equipment

Release: 2

AHCMOM203A Operate basic machinery and equipment

Modification History

June 2012: Edit for clarity to Range Statement

Unit Descriptor

Unit descriptor	This unit covers the process of operating and maintaining machinery and equipment and defines the standard required to: carry out pre-operational checks and maintenance; tag and report defects if necessary; secure attachments according to manufacturer's directions; operate machinery in a safe and controlled manner; implement shut-down and storage procedures; record maintenance and operation details.
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Application of the Unit

Application of the unit	This unit applies to workers who operate and maintain machinery and equipment for agricultural, horticultural or land management enterprises. It is usually conducted within established routines, methods and procedures within enterprise guidelines.
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Licensing/Regulatory Information

Not Applicable

Pre-Requisites

Prerequisite units		

Employability Skills Information

Employability skills	This unit contains employability skills.
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Elements and Performance Criteria Pre-Content

Not Applicable

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA

ELEMENT	PERFORMANCE CRITERIA
1. Prepare basic machinery and equipment for use	1.1. Machinery and equipment are identified and selected in accordance with supervisor's instructions. 1.2. Routine pre-operational checks of machinery and equipment are carried out to manufacturer's specifications and/or enterprise procedures. 1.3. Unsafe or faulty machinery and equipment are identified and segregated for repair or replacement in line with enterprise requirements. 1.4. Occupational Health and Safety (OHS) hazards are identified and safety concerns reported to the supervisor.
2. Operate basic machinery and equipment	2.1. Personal Protective Equipment (PPE) is used and maintained according to procedures. 2.2. Machinery and equipment are operated to manufacturer's specifications and in accordance with supervisor's instructions. 2.3. Work is completed to supervisor's satisfaction and in accordance with OHS requirements. 2.4. Environmental implications associated with machinery operation and maintenance are identified and accounted for.
3. Check, clean and store basic machinery and equipment	3.1. Machinery and equipment use is detailed and recorded in accordance with enterprise requirements. 3.2. Machinery and equipment are cleaned, secured and stored to manufacturer's specifications and supervisor's instructions. 3.3. Malfunctions, faults, wear or damage to machinery and equipment are identified and reported in line with enterprise requirements. 3.4. Workplace areas are cleaned and maintained in line with OHS and enterprise requirements.

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit.

Required skills

- use, maintain and store personal protective clothing and equipment
- use safe operating procedures for basic machinery and equipment

REQUIRED SKILLS AND KNOWLEDGE

- carry out pre start checks for basic machinery and equipment
- carry out basic servicing and maintenance of basic machinery and equipment
- operate basic machinery and equipment
- recognise caution or hazard signs and symbols
- interpret tasks or information from labels, manuals or written instructions
- record information accurately or verbally report information
- use literacy skills to follow sequenced written instructions and record information accurately and legibly
- use oral communication skills/language competence to fulfil the job role as specified by the organisation including questioning, active listening, asking for clarification and seeking advice from supervisor
- use numeracy skills to estimate, calculate and record routine workplace measures
- use interpersonal skills to relate to people from a range of social, cultural and ethnic backgrounds and with a range of physical and mental abilities.

Required knowledge

- pre-operational and safety checks for basic machinery and equipment
- hazards associated with the operation of basic machinery and equipment
- operating principles and operating methods for basic machinery and equipment
- procedures for cleaning, securing and storing basic machinery and equipment
- risks associated with the operation of machinery and equipment in different weather and difficult terrain conditions
- relevant State/Territory legislation, regulations and Codes of Practice with regard to workplace OHS requirements, and the use and control of hazardous substances
- environmental impacts and minimisation measures associated with the operation of basic machinery and equipment
- enterprise policies with regard to machinery and equipment use, recording and reporting routines.

Evidence Guide

EVIDENCE GUIDE

The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.

Overview of assessment

Critical aspects for assessment and evidence required to demonstrate competency in this unit

The evidence required to demonstrate competency in this unit must be relevant to workplace operations and satisfy holistically all of the requirements of the performance criteria and required skills and knowledge and include achievement of the following:

- carry out pre-operational checks and maintenance
- tag and report defects if necessary
- secure attachments according to manufacturer's directions
- operate machinery in a safe and controlled manner
- implement shut-down and storage procedures
- record maintenance and operation details.

Context of and specific resources for assessment

Competency requires the application of work practices under work conditions. Selection and use of resources for some worksites may differ due to the regional or enterprise circumstances.

Range Statement

RANGE STATEMENT

The range statement relates to the unit of competency as a whole.

Basic machinery and equipment may include:

- lawn mowers
- line cutters
- lawn edgers
- mechanized horticultural tillage equipment
- motorised machinery used in landscape and turf construction projects
- motorised machinery used in nursery production
- pneumatic pruners and cutters
- power tools

RANGE STATEMENT	
	conveyors and pumps as used in agriculture, horticulture and land management.
Basic machinery and equipment does not include:	- chainsaws - tractors - vehicles - earth moving equipment - other machinery described elsewhere in these standards.

Unit Sector(s)

Unit sector	Machinery operation and maintenance
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Co-requisite units

Co-requisite units		

Competency field

Competency field	
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