



Australian Government

AHCMOM501 Manage machinery and equipment

Release: 1

AHCMOM501 Manage machinery and equipment

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to manage machinery and equipment.

All work must be carried out to comply with workplace procedures, work health and safety requirements, manufacturer's specifications and sustainability practices.

This unit applies to individuals who take personal responsibility and exercise autonomy in undertaking complex work. They analyse and synthesise information and analyse, design and communicate solutions to sometimes complex problems.

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

Pre-requisite Unit

Nil.

Unit Sector

Machinery operation and maintenance (MOM)

Elements and Performance Criteria

Element	Performance criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Evaluate machinery and equipment	1.1 Review and match operations of available machinery and equipment to production processes 1.2 Calculate operation and servicing costs of machinery and equipment to justify total purchasing price 1.3 Estimate productivity returns from machinery and equipment to identify benefit to production processes 1.4 Monitor machinery and equipment replacement cycles to identify

Element	Performance criteria
	improvement options and maximise life cycles of components 1.5 Acquire machinery and equipment through appropriate procurement options
2. Coordinate maintenance	2.1 Identify and schedule maintenance and service cycles to ensure servicing is according to manufacturer's specifications and production processes 2.2 Cost and arrange storing and housing of machinery and equipment 2.3 Document and record operational and service history 2.4 Identify and risk assess work health and safety hazards in the workplace and review and record risk controls 2.5 Provide, use, maintain and store suitable personal protective equipment according to work health and safety requirements 2.6 Develop and monitor repair and maintenance routines according to manufacturer's specifications and work health and safety requirements
3. Monitor operation	3.1 Make available, maintain and dispose of consumables and operational support materials according to enterprise requirements 3.2 Monitor environmental implications and workplace safety practices according to enterprise requirements 3.3 Ensure operational procedures are clear, documented and followed according to manufacturer's specifications 3.4 Provide operators with competent instruction and appropriate supervision according to work health and safety requirements

Foundation Skills

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

Range of Conditions

Unit Mapping Information

This unit is equivalent to AHCMOM501A Manage machinery and equipment.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>