



Australian Government

AUMABA012 Operate load shifting equipment

Release: 1

AUMABA012 Operate load shifting equipment

Modification History

Release	Comment
Release 1	New unit of competency.

Application

This unit describes the performance outcomes required to safely use load shifting equipment.

It applies to those in a manufacturing environment and involves the application of skills and knowledge to select and use suitable load shifting equipment and perform pre-operational inspections to ensure its safe operation.

Licensing, legislative, regulatory or certification requirements may apply to this unit in some jurisdictions. Users are advised to check with the relevant regulatory authority.

Unit Sector

Support and Logistics

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. Inspect load shifting equipment	1.1 Complete inspection of load shifting equipment according to workplace procedures 1.2 Identify load weights and volumes and receive confirmation from supervisor 1.3 Identify and document equipment faults and report to appropriate personnel
2. Lift, shift and place load	2.1 Identify load characteristics and handling requirements to select an appropriate shifting device 2.2 Plan shifting route, and identify and control potential hazards 2.3 Place load in specified locations without causing damage to property, machinery or equipment 2.4 Complete lift, shift and placement of load using approved work health and safety (WHS) methods and equipment,

Elements	Performance Criteria
	according to workplace procedures
3. Complete load shifting operations	3.1 Complete post-inspection of load shifting equipment 3.2 Identify, tag and report faults 3.3 Store and secure load shifting equipment in accordance with workplace requirements 3.4 Complete load shifting documentation and maintenance records according to workplace procedures

Foundation Skills

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

Skills	Description
Reading skills to:	- interpret load shifting equipment operating procedures and safety requirements - review load shifting equipment pre- and post-inspection schedules.
Writing skills to:	legibly complete inspection schedules, maintenance reports and workplace documents.
Oral communication skills to:	- convey identified equipment faults to appropriate personnel - speak clearly and directly to inform others of loading and shifting requirements - communicate equipment operating instructions and load weights and volumes to co-workers.
Numeracy skills to:	- identify and where necessary estimate weights and volumes of objects to be shifted - identify numbers in metric and imperial units and measurements.
Planning and organising skills to:	- identify and prepare load shifting equipment and work area - identify overhead and ground level workplace hazards - conduct pre- and post-use inspection of equipment - complete workplace documentation.
Problem-solving skills to:	- identify load shifting equipment appropriate for the job - identify load shifting equipment faults and defects.
Teamwork skills to:	advise co-workers of load shifting activities.

Unit Mapping Information

<i>Code and title current version</i>	<i>Code and title previous version</i>	<i>Comments</i>	<i>Equivalence status</i>
AUMABA012 Operate load shifting equipment	AUMABA002 Operate load shifting equipment	Additions to Assessment Requirements due to rationalisation of Range of Conditions. Minor changes to ensure policy adherence.	Equivalent

Links

Companion Volume Implementation Guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=bd587669-08b3-4cd5-85f0-f9fa0c6304c1>

Assessment Requirements for AUMABA012 Operate load shifting equipment

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Performance Evidence

Before competency can be determined, individuals must have competently operated load shifting equipment on a minimum of two occasions, in the manner described in the Performance Criteria of this unit.

Individuals must demonstrate they can:

- conduct pre- and post-operational checks to load shifting equipment, including inspection of:
 - hydraulic and pneumatic leaks
 - lifting block
 - operation of control system
 - vehicle hazard warning light
 - wheels and tyres
 - wire rope, chains and lifting attachments
- comply with workplace procedures and relevant load shifting regulations, standards and codes of practice
- select and use load shifting equipment appropriate to weight and volume of load
- store and secure load shifting equipment appropriately
- complete load shifting equipment records.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements and performance criteria of this unit. This includes:

- WHS requirements when operating load shifting equipment, including overhead and ground level workplace hazards
- types, application and operation of load shifting equipment, including:
 - overhead travelling crane
 - pallet truck
 - trolley jack
- pre and post-use inspection procedures for load shifting equipment

- methods of determining load specifications, including weight, size and type
- methods of determining appropriate load shifting equipment for the circumstance
- load shifting equipment maintenance reports and schedules
- load shifting equipment storage procedures.

Assessment Conditions

Assessors of this unit must satisfy the assessor requirements in applicable vocational education and training legislation, frameworks and/or standards.

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Where assessment of competency includes third-party evidence, individuals must provide evidence that links them to the operation of load-shifting equipment, e.g. load shifting equipment log books.

The following resources must be made available:

- manufacturing workplace or simulated workplace
- load shifting devices and equipment, including:
 - overhead travelling crane
 - pallet truck
 - trolley jack.
- workplace documentation relating to load shifting, including load shifting equipment inspection documentation
- load shifting equipment operating instructions and procedures relevant to a manufacturing environment.

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