



Australian Government

AUMABA002 Operate load shifting equipment

Release: 1

AUMABA002 Operate load shifting equipment

Modification History

Release	Comment
Release 1	Unit updated to reflect the new standards for Training Packages Replaces AUMABA3002 Operate load shifting equipment

Application

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

It applies to those in an automotive 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.

Competency Field

Manufacturing - Common

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. Where bold italicised text is used, further information is detailed in the range of conditions section
1. Inspect load shifting equipment	1.1 <i>Inspection of load shifting equipment</i> is completed according to <i>workplace procedures</i> 1.2 Load weights and volumes are identified, and confirmed by supervisor 1.3 Equipment faults are identified, documented and reported to appropriate personnel
2. Lift, shift and place load	2.1 Load characteristics and handling requirements are identified

Elements	Performance Criteria
	and appropriate shifting device is selected 2.2 Shifting route is planned and identified hazards are controlled 2.3 Load is placed in specified locations without causing damage to property, machinery or equipment 2.4 Lift, shift and placement of load are completed using approved work health and safety (WHS) methods and equipment, according to workplace procedures
3. Complete load shifting operations	3.1 Post-inspection of load shifting equipment is completed 3.2 Identified faults are tagged and reported 3.3 Load shifting equipment is stored and secured 3.4 Load shifting documentation and maintenance records are completed 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.

Skills	Description
Teamwork skills to:	advise co-workers of load shifting activities.

Range of Conditions

This section specifies 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. Bold italicised wording, if used in the performance criteria, is detailed below.

<i>Inspection</i> must include:	- hydraulic and pneumatic leaks - lifting block - operation of control system - vehicle hazard warning light - wheels and tyres - wire rope, chains and lifting attachments.
<i>Load shifting equipment</i> must include:	- overhead travelling crane - pallet truck - trolley jack.
<i>Workplace procedures</i> must include:	- equipment operating instructions - identifying load weights and volumes - pre- and post-use inspection of equipment - recording and reporting - load storage location - WHS requirements.

Unit Mapping Information

No equivalent unit.

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 AUMABA002 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.

Individuals must demonstrate they can:

- conduct pre- and post-operational checks to load shifting equipment
- comply with workplace procedures and relevant load shifting regulations, standards and codes of practice
- document and report load shifting equipment faults
- demonstrate safe operating techniques for lifting, shifting and placing loads in line with work health and safety (WHS) and workplace requirements
- select and use load shifting equipment appropriate to weight and volume of load
- complete load shifting equipment records.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- 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
- 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 must satisfy SNR/AQTF assessor requirements and hold relevant load shifting equipment licences.

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.

Assessors must verify performance evidence through questioning on skills and knowledge to ensure correct interpretation and application.

The following resources must be made available:

- automotive manufacturing workplace or simulated workplace
- load shifting devices and equipment
- workplace documentation relating to load shifting, including load shifting equipment inspection documentation
- load shifting equipment operating instructions and procedures
- relevant to an automotive manufacturing environment.

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