



Australian Government

TLIB0043 Pack-up mobile crane tools and lifting equipment

Release: 1

TLIB0043 Pack-up mobile crane tools and lifting equipment

Modification History

Release 1. This is the first release of this unit of competency in the TLI Transport and Logistics Training Package.

Application

This unit involves the skills and knowledge required to pack-up a mobile crane and store tools and lifting equipment in accordance with workplace procedures, environmental requirements and manufacturer specifications.

It includes inspecting tools and lifting equipment, securing outriggers, packing and storing tools and equipment, and completing necessary records.

Work is performed with limited or minimum supervision.

People achieving competence in this unit must hold the relevant high risk work licence prior to undertaking mobile crane operation, dogging or rigging work.

Work must be carried out in compliance with the relevant state/territory authority mobile crane operations licence/permit requirements and regulations, codes of practice, rules and/or guidelines.

Pre-requisite Unit

Not applicable.

Competency Field

B – Equipment Checking and Maintenance

Unit Sector

Mobile Crane.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

1	Inspect lifting equipment	1.1	Job hazards are identified and required action is taken to minimise, control or eliminate identified hazards
		1.2	Operation plan, safe work method statement and other work specifications are reviewed and followed
		1.3	Crane crew and relevant personnel are briefed in accordance with operation plan and safe work method statement
		1.4	Damaged and defective lifting equipment is tagged and segregated for testing, repair or disposal by a competent person
2	Secure outriggers or attachments	2.1	Outriggers, counterweights or attachments are secured and stowed in accordance with manufacturer specifications and operation plan
		2.2	Outrigger or attachments packing is dismantled and stowed securely
3	Pack and store tools and lifting equipment	3.1	Lifting equipment is cleaned as required and stored appropriately in accordance with workplace procedures
		3.2	Additional lifting equipment is returned to depot, marked off and stored in accordance with workplace procedures
		3.3	Travel path is confirmed with operation plan, safe work method statement and other work specifications
		3.4	Mobile crane is configured for travel in accordance with workplace procedures and manufacturer specifications
4	Complete records	4.1	Workplace documentation is completed in accordance with workplace procedures
		4.2	Required workplace records are updated and processed accurately and promptly

Foundation Skills

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

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions can be found in the TLI Transport and Logistics Training Package Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to TLIB3016 De-rig, pack and store tools and equipment.

Links

Companion Volume Implementation Guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=df441c6e-213d-43e3-874c-0b3f7036d851>

Assessment Requirements for TLIB0043 Pack-up mobile crane tools and lifting equipment

Modification History

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria on at least one occasion and include:

- applying precautions and required actions to minimise, control or eliminate identified hazards
- applying specific crane legislation and workplace procedures
- checking condition of lifting equipment
- communicating effectively and working collaboratively with others
- identifying and correctly using lifting equipment, processes and procedures
- interpreting and following operational instructions and prioritising work
- operating and adapting to differences in lifting equipment in accordance with workplace procedures and manufacturer specifications
- reading and interpreting relevant instructions, workplace procedures, information and signs
- reporting and/or rectifying identified problems, faults or malfunctions promptly in accordance with regulatory requirements and workplace procedures.

Knowledge Evidence

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

- application of relevant guidelines, codes of practice or other legislative requirements relating to the safe use of machinery and lifting equipment
- defects that may be identified when de-rigging a crane and appropriate actions that should be taken
- risk management consistent with the principle of hierarchy of risk control
- high risk work and mobile crane licence requirements
- mobile crane applications, capacities, configurations, safety hazards and control mechanisms
- operational procedures for crane crews concerning de-rigging of cranes, and packing and storing tools and lifting equipment
- relevant road rules, regulations, permit and licence requirements for mobile crane operation.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated workplace operational situations that replicate workplace conditions.

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.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or simulations
- applicable documentation, including workplace procedures, regulations, codes of practice and operation manuals
- relevant materials, tools, equipment and personal protective equipment (PPE) currently used in industry.

Links

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