



Australian Government

TLID3031 Rig load

Release: 2

TLID3031 Rig load

Modification History

Release 2. This is the second release of this unit of competency in the TLI Transport and Logistics Training Package.

- Minor changes to unit Application
- Minor changes to Performance Criteria
- Minor changes to Performance Evidence
- Minor changes to Knowledge Evidence
- Minor changes to Assessment Conditions.

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 rig load.

It includes preparing for load transfer, assessing lifting requirements, securing and detaching loads in preparation for lifting by a crane in accordance with relevant state and/or territory authority high-risk work licence requirements and regulations in a variety of operational contexts.

Work is performed with general supervision, and with duty of care responsibility for self and others in achieving the prescribed outcomes.

A person who rigs a load must hold a high-risk work licence.

Pre-requisite Unit

Not applicable.

Competency Field

D – Load Handling

Unit Sector

Not applicable.

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 Prepare for load transfer

- 1.1** Job hazards are identified and required actions taken to minimise, control or eliminate identified hazards
- 1.2** Working area is prepared and maintained in accordance with industry standards, codes of practice and workplace procedures
- 1.3** Unsafe work practices and/or faulty equipment are reported in accordance with workplace procedures
- 1.4** Correct personal protective equipment (PPE) is identified and worn in accordance with workplace procedures

2 Assess lifting requirements

- 2.1** Work operations plan is examined and lift requirements are identified, including job method and sequence, control measures and safety procedures
- 2.2** Coordination requirements with other site personnel are confirmed
- 2.3** Load mass, dimensions and centre of gravity are determined
- 2.4** Appropriate lifting gear, equipment and packing, including slings, ropes, shackles, eye bolts and spreaders, are selected from safety charts and safe working load (SWL)/working load limit (WLL) tags, and assembled and checked for serviceability
- 2.5** Damaged or worn items are tagged, rejected and reported to appropriate personnel for follow-up action

3 Secure load

- 3.1** Lifting and anchorage points are correctly identified
- 3.2** Lifting gear, equipment and packing are connected to load, and load is secured to lifting device in accordance with workplace and manufacturer specifications, guidelines and regulatory requirements
- 3.3** Load is lifted, suspended off lifting plane and checked to ensure it is appropriately rigged and secured according to workplace procedures
- 3.4** Corrective actions are undertaken when preliminary lift assessment reveals unacceptable operational situation

- 3.5 Tag lines are fixed to load in accordance with work operation plan and/or in consultation with other personnel, as required, due to wind conditions and site hazards and obstacles
- 4 Detach load
 - 4.1 Slinging attachments are released from load without injury to personnel or damage to workplace operating procedures
 - 4.2 Damage to load and site is identified and reported in accordance with workplace procedures
 - 4.3 Lifting gear, equipment and packing are maintained and stored in accordance with workplace and manufacturer specifications, guidelines and regulatory requirements

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 TLID3031A Rig load.

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 TLID3031 Rig load

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all 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 relevant high-risk work legislation and workplace procedures
- calculating safe working load (SWL)/working load limit (WLL)
- communicating effectively with others
- identifying and correctly using equipment, processes and procedures
- inspecting equipment prior to use
- interpreting and following operational instructions and prioritising work
- modifying activities depending on operational contingencies, risk situations and environments
- monitoring condition and performance of gear and equipment and taking appropriate action, as required
- operating and adapting to differences in equipment in accordance with workplace procedures
- reading and interpreting relevant instructions, procedures, information and signs
- reporting and/or rectifying identified problems, faults or malfunctions promptly in accordance with regulatory requirements and workplace procedures
- selecting and using required personal protective equipment (PPE) conforming to industry and work health and safety (WHS)/occupational health and safety (OHS) standards
- servicing gear and equipment in terms of maintenance schedule and workplace operating procedures
- working collaboratively with others
- working systematically with required attention to detail without injury to self or others, or damage to goods or equipment.

Knowledge Evidence

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

- dogging and rigging licence to perform high-risk work requirements
- how to prioritise and multi-tasking work
- manufacturer specifications and guidelines
- mobile crane applications, capacities, configurations, safety hazards and control mechanisms
- operational procedures for crane crews
- operational work systems and equipment
- problems that may arise when rigging a load during mobile crane operations and actions that should be taken to prevent or solve these problems
- relevant road rules, regulations, permit and high-risk work licence requirements for rigging loads during mobile crane operations
- relevant WHS/OHS and environmental procedures and regulations
- SWL/WLL requirements
- workplace procedures for rigging loads during mobile crane operations.

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
- relevant and appropriate materials, tools, equipment and PPE currently used in industry
- applicable documentation, including legislation, regulations, codes of practice, workplace procedures and operation manuals

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