



**Australian Government**

# **TLID3031 Rig load**

**Release: 1**

## TLID3031 Rig load

### 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 prepare and rig all types of loads in preparation for lifting by a crane in accordance with relevant state/territory authority high risk work licence requirements and regulations, in a variety of operational contexts.

It includes preparing for load transfer, assessing lifting requirements, securing and detaching load.

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

Elements describe the essential outcomes.

#### 1 Prepare for load transfer

#### PERFORMANCE CRITERIA

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

1.1 Job hazards are identified and required action is 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 operating procedures
  - 1.3 Unsafe work practices and/or faulty equipment are reported in accordance with workplace procedures
  - 1.4 Correct personal protective equipment is identified and worn
- 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/packing, including slings, ropes, shackles, eye bolts, spreaders is selected from safety charts and safe working load (SWL)/working load limit (WLL) tags, and is 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/anchorage points are correctly identified
  - 3.2 Lifting gear/equipment/packing is 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
  - 3.4 Corrective action is 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/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/site is identified and reported in accordance with workplace procedures
- 4.3 Lifting gear/equipment/packing is 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 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>