



Australian Government

TLIB3011 Set up and rig crane for lift

Release: 1

TLIB3011 Set up and rig crane for lift

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 set up and rig a mobile crane for a lift. It includes the systematic positioning and stabilisation of the crane and its assembly prior to lift in a variety of operational contexts.

Work must be carried out in compliance with the relevant state/territory authority mobile crane operations licence/permit requirements and regulations.

Work is performed with limited or minimum supervision, with limited accountability and responsibility for self and others in achieving the prescribed outcomes.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Not applicable.

Competency Field

B – Equipment Checking and Maintenance

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 Position and stabilise crane	<p>1.1 Crane is directed to position in accordance with job plan, applicable Australian Standards, codes of practice and manufacturer specifications to ensure safe operation</p> <p>1.2 Ground is checked to ensure it is firm enough to bear the load</p> <p>1.3 Appropriate plates or packing are correctly used to adequately</p>

distribute load

- 1.4 Outriggers and stabilisers are correctly deployed and positioned in accordance with manufacturer instructions, appropriate Australian Standard and other relevant statutory regulations
- 1.5 Outrigger packing is checked for adequacy prior to and after lift is taken

2 Assemble crane

- 2.1 Block is reeved in accordance with manufacturer instructions
- 2.2 Counterweights are installed in accordance with manufacturer specifications
- 2.3 Attachments are set up in accordance with manufacturer instructions
- 2.4 Qualified rigger is consulted and other personnel are assisted as necessary to ensure efficient and safe assembly and set-up of crane
- 2.5 Straight fly jibs and luffing fly jibs are assembled and fitted in accordance with manufacturer instructions

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 TLIB3011A Set up and rig crane for lift.

Links

Companion Volume implementation guides are found in VETNet -

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