



**Australian Government**

# **TLIB3012 Plan job and set up work areas**

**Release: 1**

# TLIB3012 Plan job and set up work areas

## 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 plan a lifting job and to set up work areas prior to positioning and setting up a mobile crane in compliance with the licence/permit requirements and regulations in a variety of operational contexts.

It includes obtaining and confirming job instructions and work specifications; coordinating the loading of gear and equipment; assessing job requirements of work areas; designing job plans and setting up work area.

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

Elements describe the essential outcomes.

#### 1 Obtain and confirm job instructions/work specifications

### PERFORMANCE CRITERIA

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

- 1.1 Job instructions are obtained and checked to ensure specifications include all necessary information
- 1.2 Lift plan and other work specifications are interpreted and clarification is sought as required

- 2 Coordinate loading of gear and equipment**
- 2.1 Specific gear necessary for job is identified and obtained
  - 2.2 Equipment is properly packed and secured in accordance with company procedures to ensure injury and damage are avoided during transportation
- 3 Assess job requirements and work area**
- 3.1 Adequate site access and egress is identified
  - 3.2 Potential hazards are identified and appropriate elimination or control measures selected
  - 3.3 Weight and dimensions of load are estimated or confirmed in consultation with customer and relevant personnel to ensure job is within limits of crane capacity
  - 3.4 Site information is interpreted and requirements are confirmed with site supervisor
  - 3.5 Area is assessed to ensure there is sufficient space to establish crane and conduct lift
  - 3.6 Need to move mobile crane is assessed and route to be travelled is planned as required, to ensure crane traverses firm surfaces and slopes are avoided where possible
  - 3.7 Lift safety or feasibility concerns are discussed with customer and if not resolved, reported to supervisor
  - 3.8 Payment arrangements are confirmed with customer as required
  - 3.9 Customer requirements are anticipated and suggestions are made to maximise safety and efficiency, and to minimise inconvenience
- 4 Design job plan**
- 4.1 Job plan is developed to include hazard prevention/control measures and safety procedures in accordance with applicable Australian Standards, codes of practice and equipment manufacturer specifications
  - 4.2 Cranes load chart is consulted and information on permissible loads, radii, weights, boom and jib configurations is taken into account in job plan
  - 4.3 Job requirements, customer priorities, and workplace rules and procedures are taken into account in job plan
  - 4.4 Job plan is discussed and confirmed with relevant personnel

- 4.5 Job plan details are documented as required
- 5 Set up work area**
- 5.1 Site personnel and public are advised of potential danger and site/work area is isolated as required in accordance with legislative, regulatory and customer requirements
  - 5.2 Site safety procedures are followed
  - 5.3 Required protective equipment is identified and fitted in accordance with manufacturer guidelines and customer requirements
  - 5.4 Ancillary equipment is assembled and erected as required
  - 5.5 Load destination and as required, travel route, are prepared to accept load

## 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 TLIB3012A Plan job and set up work areas.

## Links

Companion Volume implementation guides are found in VETNet -

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