



Australian Government

TLIB3017 Assemble and dismantle boom or jib

Release: 1

TLIB3017 Assemble and dismantle boom or jib

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 assemble and dismantle a boom and jib on a lattice boom mobile crane, in accordance with licence/permit requirements and regulations, in a variety of operational contexts

It includes planning assembly/dismantling and following correct procedures for boom/jib assembly and disassembly.

Work is performed under general supervision, with duty of care 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 Plan assembly/dismantling

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 | Level as is possible and unobstructed site is selected to assemble/dismantle boom and/or jib |
| | 1.3 | Plan for crane assembly and dismantling is developed in accordance with appropriate Australian Standard, other statutory regulations, licensing requirements and manufacturer specifications |
| 2 Assemble/dismantle boom or jib | 2.1 | Equipment, including personal protective equipment, is assembled and used as appropriate for task requirements |
| | 2.2 | Plan for assembly or dismantling of boom/jib is carried out in accordance with manufacturer specifications, appropriate Australian Standards and other relevant statutory regulations and guides |
| | 2.3 | All connections on boom and jib pendants and rope anchorages are checked before boom is raised, to ensure they are in good order, tight and secure |
| | 2.4 | Documentation is completed in accordance with workplace procedures |

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 TLIB3017A Assemble and dismantle boom or jib.

Links

Companion Volume implementation guides are found in VETNet -

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