



Australian Government

TLID3035 Operate a boom type elevating work platform

Release: 1

TLID3035 Operate a boom type elevating work platform

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 operate a boom type elevating work platform less than 11 metres boom length, in accordance with relevant state/territory licence/permit requirements and regulations, in a variety of operational contexts.

It includes inspecting and testing elevating work platform, assessing job and work requirements, planning work and setting up for lift, and carrying out elevation. It also includes implementing planned hazard controls and strategies, and packing up work platform after operations.

Work is performed with limited supervision, and 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

D – Load Handling

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Inspect and test elevating work platform

PERFORMANCE CRITERIA

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

- 1.1 Work platform is visually inspected prior to operation for evidence of damage, structural weakness or interference in accordance with pre-operational safety check procedures

- 1.2 Routine pre-operational equipment checks are carried out in accordance with available checklists
- 1.3 Work platform logbook is checked, service requirements are noted and maintenance personnel are advised of requirements
- 1.4 Elevating work platform is started in accordance with manufacturer guidelines and start-up procedures for operations, and abnormal noise or movement is reported to authorised person for corrective action
- 1.5 Start-up checks are conducted in accordance with manufacturer specifications and company procedures to ensure work platform and equipment are operating correctly
- 1.6 Faults are corrected or reported to authorised person for corrective action in accordance with company procedures
- 1.7 Operating and emergency controls are checked for correct operation in accordance with manufacturer specifications, including use of emergency decent device
- 1.8 Boom is lowered under simulated emergency conditions to check for operational effectiveness
- 1.9 Gear and accessories are checked and damaged or worn gear is segregated and reported to authorised person for testing/repair/destruction
- 1.10 Results of inspections are recorded and reported in accordance with company procedures
- 2 **Assess job requirements and work**
 - 2.1 Briefing, handover details, authorisations and clearances are received, interpreted and clarified in accordance with company and site procedures, and legislative requirements
 - 2.2 Work area is inspected, potential hazards are identified and appropriate elimination or control measures are selected
 - 2.3 Weight of load including personnel and equipment, is correctly estimated to ensure job is within limits of work platform capacity
- 3 **Plan work and set up for lift**
 - 3.1 Work plan is developed and agreed with relevant workplace personnel, including hazard prevention/control measures, and safety and emergency procedures in line with applicable Australian Standards

- 3.2 Suitable firm and level standing is chosen and prepared for location of elevating work platform
- 3.3 Outriggers and stabilisers are correctly deployed and positioned in accordance with manufacturer instructions and appropriate Australian Standards
- 3.4 Appropriate plates or packing are correctly used under footplates as required to adequately distribute loading
- 3.5 Ground is checked before and after packing is installed to ensure it is firm enough to bear load
- 3.6 Job plan is developed including hazard prevention/control measures and safety procedures in accordance with applicable Australian Standards and equipment manufacturer specifications
- 3.7 Work platform load chart is located and information on permissible loads, radii and heights is taken into account in planning job
- 3.8 Job requirements, and workplace rules and procedures are taken into account in job plan
- 3.9 Job plan is discussed and confirmed with relevant personnel
- 3.10 Work gear and tools are properly stowed in elevating work platform in accordance with Australian Standards, company procedures and guides
- 4 Carry out elevation**
 - 4.1 Configuration and operation of elevating work platform are checked as required to ensure safe lift
 - 4.2 Operation of work platform is carried out in accordance with job plan, appropriate Australian Standard and manufacturer specifications
- 5 Implement planned hazard control strategies**
 - 5.1 Load is constantly monitored to ensure safety of personnel, load and structural stability
 - 5.2 Unplanned situations are responded to in accordance with company procedures, in a manner that minimises risk to personnel and equipment
 - 5.3 Required signals are correctly given, interpreted and followed in accordance with appropriate Australian Standards

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| 6 Pack up work platform | <div style="display: flex; flex-direction: column; gap: 10px;"><div>6.1 Elevating work platform is shut down using correct sequence of procedures in accordance with manufacturer instructions</div><div>6.2 Routine post-operational equipment checks are carried out in accordance with manufacturer instructions and available checklists, and defects are recorded and reported in accordance with company procedures</div><div>6.3 Elevating work platform is dismantled in accordance with job plan, manufacturer instructions and relevant statutory regulations</div><div>6.4 Outriggers and stabilisers are secured and stowed in accordance with manufacturer instructions</div><div>6.5 Elevating work platform is correctly stowed and secured in accordance with manufacturer instructions and company procedures</div></div> |
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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 TLID3035A Operate a boom type elevating work platform.

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 TLID3035 Operate a boom type elevating work platform

Modification History

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria on at least one occasion and include:

- applying precautions and required action to minimise, control or eliminate identified hazards
- applying relevant legislation and workplace procedures
- communicating effectively with others
- completing relevant documentation
- identifying and correctly using equipment, processes and procedures
- implementing contingency plans
- interpreting and following operational instructions
- modifying activities depending on operational contingencies, risk situations and environments
- monitoring performance of equipment
- monitoring work activities in terms of planned schedule
- operating and adapting to differences in equipment in accordance with workplace operating procedures
- planning own work, predicting consequences and identifying improvements
- reading and interpreting relevant instructions, procedures, regulations, codes of practice and manuals
- 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 conforming to industry and work health and safety (WHS)/occupational health and safety (OHS) standards
- servicing 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 of the requirements of the elements and performance criteria and include knowledge of:

- boom type elevating work platform applications, capacities, configurations, safety hazards and control mechanisms
- capability on boom type elevating work platform compliance plate
- operational work systems and equipment
- problems that may arise when operating a boom type elevating work platform and actions that should be taken to prevent or solve these problems
- relevant road rules, regulations, permit and licence requirements for boom type elevating work platform operation
- relevant WHS/OHS and environmental procedures and regulations
- risks and hazards involved in operating a boom type elevating work platform and associated action that can be taken to eliminate or minimise the risk/hazards concerned
- wind speed equipment capability (wind loading)
- workplace procedures for operating a boom type elevating work platform less than 11 metres boom length, at a worksite.

Assessment Conditions

As a minimum, assessors must satisfy applicable regulatory requirements, which include requirements in the *Standards for Registered Training Organisations* current at the time of assessment.

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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 include:

- a range of relevant exercises, case studies and/or simulations
- applicable documentation including workplace procedures, regulations, codes of practice and operation manuals
- relevant materials, tools, equipment and personal protective equipment currently used in industry.

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