



Australian Government

TLILIC0011 Licence to operate a reach stacker (greater than 3 tonnes capacity)

Release: 1

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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 specifies the skills and knowledge required to operate a reach stacker with a Maximum Rated Capacity (MRC) exceeding 3 tonnes safely, in accordance with all relevant legislative responsibilities. Competence in this unit, does not in itself result in a HRWL licence to operate this plant.

Reach stacker means a powered reach stacker that incorporates an attachment for lifting and lowering a shipping container.

This unit applies to the activities of a person operating a reach stacker greater than 3 tonnes capacity that incorporates an attachment for lifting, moving and travelling with a shipping container (not including a shore based container handling gantry crane).

A person performing this work is required to hold a reach stacker High-Risk Work Licence (HRWL)

This unit requires a person operating reach stacker with an MRC exceeding 3 tonnes to:

- plan the work/task
- prepare for the work/task
- perform work/task
- Pack up

Licensing/Regulatory Information

Legislative and regulatory requirements are applicable to this unit of competency.

This unit is based on the licensing requirements of Part 4.5 of the Model Work Health and Safety (WHS) Regulations and meets Commonwealth, State and Territory HRWL requirements.

The National Assessment Instrument (NAI) is the mandated assessment for the HRWL to operate the relevant licencing class as detailed in this unit.

Pre-requisite Unit

Not applicable

Competency Field

LIC - Licencing Units

Unit Sector

Not applicable

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Plan work/task

PERFORMANCE CRITERIA

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

- 1.1** Task requirements are identified from work orders or equivalent and confirmed with relevant people and site inspection is conducted in accordance with workplace procedures
- 1.2** Work area operating surface is assessed to determine the quality of ground suitability for operational use of reach stacker in accordance with workplace procedures
- 1.3** Reach stacker MRC and Spreader/lifting gear Work Load Limit (WLL) is established for the Container/s and work/task requirements in accordance with manufacturer specifications and workplace procedures
- 1.4** Appropriate paths for operating the reach stacker and moving and placing container/s in work area are assessed and determined in accordance with workplace procedures
- 1.5** Relevant hazard identification and risk elimination/control measures are applied and advised to relevant person/s in accordance with workplace procedures
- 1.6** Traffic management plan implementation is confirmed and understood in accordance with workplace procedures
- 1.7** Appropriate communication procedures are identified and tested with associated personnel in accordance with workplace procedures

- 1.8** All tasks are confirmed to ensure requirements for the relevant work area is in accordance with workplace procedures
- 2 Prepare for work/task**
- 2.1** Consultation with workplace personnel is established and maintained to ensure workplan is clear and consistent with site requirements in accordance with workplace procedures
- 2.2** Risk control measures for hazards identified are checked for implementation in accordance with legislative responsibilities and safe work procedures
- 2.3** Reach stacker is accessed in a safe manner in accordance with manufacturer specifications and safe work procedures
- 2.4** Pre-start reach stacker checks are carried out and any damage and defects are reported, recorded and appropriate action is taken in accordance with manufacturer requirements and safe work procedures
- 2.5** Reach stacker is started and is checked for any abnormal noises/operation in accordance with manufacturer requirements and safe work procedures
- 2.6** Operational checks are carried out and any damage and defects are reported, recorded and appropriate action is taken in accordance with manufacturer specifications and safe work procedures
- 2.7** Reach stacker stability requirements for task are determined in accordance with relevant manufacturer specifications and safe work procedures
- 2.8** Reach Stacker logbook is checked to confirm current compliance, is correct for the reach stacker type, is completed and signed and required rectifications have been signed off in accordance with manufacturer requirements and safe work procedures
- 2.9** Weather and work environment conditions are assessed to determine any impact on reach stacker operations in accordance with manufacturer requirements and safe work procedures

- 2.10** Reach stacker is driven to work area and prepared for container operations in accordance with relevant safe work procedures
- 3 Perform work/task**
- 3.1** Container lifts are determined within MRC of the reach stacker in accordance with safe work procedures
- 3.2** Container spreader is safely positioned over container following directions from associated personnel (if applicable) in accordance with safe work procedures
- 3.3** Container spreader is latched onto container and reach stacker is stabilised appropriately in accordance with safe work procedures
- 3.4** Test lift is carried out in accordance with safe work procedures
- 3.5** Containers are mobiled safely using best mobile practice and relevant reach stacker movements in accordance with safe work procedures
- 3.6** Container and reach stacker movement is monitored constantly and operated in accordance with safe work procedures and manufacturer specifications
- 3.7** All required communications signals are correctly interpreted, used and followed whilst reach stacker is operated in accordance with safe work procedures
- 3.8** Container is lowered and landed safely in accordance with safe work procedures
- 3.9** Container spreader is disconnected from container and positioned safely and efficiently for next task in accordance with safe work procedures
- 4 Pack up**
- 4.1** Reach stacker boom and container spreader are secured as required in accordance with manufacturer specifications and safe work procedures

- 4.2 Relevant motion locks and brakes are applied as required in accordance with manufacturer specifications, safe work procedures
- 4.3 Stabilisers (if fitted) are raised and secured in accordance with manufacturer specifications, safe work procedures
- 4.4 Reach stacker is parked to avoid hazards and shut down in accordance with safe work procedures
- 4.5 Post-operational reach stacker checks are carried out in accordance with manufacturer specifications, legislative responsibilities and safe work procedures
- 4.6 Reach stacker is secured to prevent unauthorised access/use in accordance with legislative obligations, responsibilities, safe work 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 may be found in the Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to TLILIC3019 Licence to operate a reach stacker (greater than 3 tonnes capacity).

Links

Companion Volume Implementation Guide -

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