



Australian Government

Assessment Requirements for TLILIC2001 Licence to operate a forklift truck

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.

Performance Evidence

A person who demonstrates competency in this unit must provide evidence of safely operating a forklift truck and satisfy all of the unit elements, performance criteria and foundations skills requirements on at least one occasion including:

- applying risk assessment and hazard control strategies, including hierarchy of control as applied to safely operating a forklift truck
- carrying out post-start operational checks, which must ensure:
 - attachment movements and control functions are smooth and comply with operating requirements
 - hazard warning systems (e.g. lights and horns) are functional
 - safety devices are checked, including
 - deadman's switch
 - emergency descent device (hydraulic)
 - reversing beepers
 - start-up is in accordance with procedures
 - steering, transmission and brake functions comply with operating requirements
- carrying out pre-start operational checks, which must include:
 - battery charge checks, as required
 - ensuring availability of logbook, records, handbook and/or operating manuals
 - fitting and interpreting forklift truck data plate
 - fluid checks
 - forklift truck attachment security checks
 - identifying approved modifications and/or attachments fitted, to manufacturer specifications in accordance with forklift truck or attachment data plate
 - locating, identifying and confirming all controls
 - safety equipment checks
 - signage and label visibility and legibility checks
 - updating records as required
- communicating with other workplace personnel through
 - using appropriate worksite protocols
 - listening

- making and interpreting hand signals
- questioning to confirm understanding
- signage
- verbal and non-verbal language
- written instructions
- complying with Commonwealth, state and territory work health and safety (WHS)/occupational health and safety (OHS) legislation and regulations
- conducting and monitoring safe forklift truck operations that include moving loads safely, driving and manoeuvring, picking up and placing loads at various stack heights and carrying out all functions to the maximum height and load capacity
- driving a forklift truck with load in forward and reverse, while maintaining visibility
- planning and preparing for forklift truck operations including:
 - conducting a workplace risk assessment
 - identifying hazards associated with operating a forklift truck, which must include
 - forklift truck instability (e.g. due to overloading, poor load placement, irregular loads)
 - ground conditions (e.g. condition of pavement, slopes)
 - insufficient lighting
 - overhead hazards (e.g. electric lines, service pipes)
 - traffic (e.g. pedestrians, vehicles, other plant) and the risk of collision with people, moving plant and fixed structures
 - weather conditions (e.g. wind, lightning, rain)
 - selecting hazard prevention strategies in accordance with the hierarchy of control
 - putting in place effective controls for identified hazards
 - visually checking a forklift truck for any damage or defects prior to operation including
 - evidence of damage
 - leaks
 - structural weaknesses (including paint separation or stressed welds)
- receiving and interpreting workplace instructions, safety information and emergency procedures
- shutting down a forklift truck in accordance with manufacturer specifications and workplace procedures including
 - parking in a suitable location away from dangerous areas
 - correctly positioning fork arms (tips down, tilted forward, lowered to ground)
 - selecting appropriate transmission/gear for parking (relevant to transmission type)
 - applying hand/parking brake
 - turning off engine power
 - removing ignition key as required
 - shutting off LPG gas cylinder valve as required
 - securing equipment in accordance with manufacturer specifications and against

- unauthorised operation
- securing site
- ensuring access ways are clear
- identifying and segregating defective equipment and reporting to authorised personnel
- connecting batteries to charger as required
- verifying problems and equipment faults, and implementing appropriate response procedures to unplanned and/or unsafe situations including
 - environmental conditions (e.g. wind, lightning, storms)
 - failure/loss of control (e.g. brakes and steering)
 - failure of equipment (e.g. hydraulic system)
 - forklift truck instability (e.g. due to deterioration of ground condition, overloading, poor load placement, irregular loads).

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:

- Australian and industry standards relevant to operating a forklift truck
- Commonwealth, state or territory WHS/OHS legislation and approved codes of practice in relation to one's own responsibilities
- forklift truck characteristics and capabilities (including use of load data plates)
- forklift truck operations and safe operating techniques
- hierarchy of control:
 - elimination
 - substitution
 - isolation
 - engineering controls
 - administrative controls
 - personal protective equipment (PPE)
- methodology to determine weight of a load including the estimation or determination from labels, markings or load paperwork such as:
 - control labels
 - forklift data plates/labels
 - forklift warning decals
- organisational and workplace standards, requirements, policies and procedures for operating a forklift truck
- procedures for recording, reporting and maintaining workplace records and information
- relevant Australian and industry standards, codes of practice and guidelines to safely operate a forklift truck

- risk control measures including:
 - barricades and traffic control (e.g. traffic management plan)
 - compliance with permit condition requirements from electrical supply authority, including
 - adequate illumination
 - disconnected power
 - excavation safeguards
 - insulated electric lines
 - maintaining safety observer zone
 - movement of obstructions
 - observing limits of approach
 - pedestrian control (barricades, signs, etc.)
 - power disconnection or compliance with electrical supply authority requirements
 - safety tags on electrical switches/isolators
 - using safety observer inside exclusion zone
 - using personal protective equipment
- selecting forklift truck to suit load and workplace conditions
- typical routine problems encountered operating a forklift truck and equipment, and adjustments required for correction.

Assessment Conditions

Assessments must be conducted by an assessor accredited for this high risk work (HRW) licence class in the Commonwealth/state/territory where the licence will be obtained (i.e. an assessor authorised by a Commonwealth/state/territory WHS/OHS regulator).

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

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and all assessment must be conducted in the English language.

Assessment of performance must be undertaken in the workplace and/or under realistic workplace conditions which typically reflect:

- performing tasks/activities within timelines that would be expected in a workplace
- standard and authorised work practices, safety requirements and environmental constraints
- using full-scale equipment

Forklift truck operation assessment must be conducted in a working zone in accordance with state/territory arrangements.

If the working zone is located at a 'live' site, assessment should continue in all weather

conditions unless the safety of the candidate or others could be compromised.

Simulators must **not** be used in the assessment of this unit of competency.

Accredited assessors are responsible for ensuring that candidates have access to:

- a suitable forklift truck that complies with AS 2359 Powered industrial trucks and is in a safe condition
- associated equipment appropriate to forklift truck operations
- suitable loads
- required personal protective equipment (PPE) for the purpose of Performance Assessment
- relevant workplace procedures and standards for operating a forklift truck, including:
 - approved codes of practice and guidance
 - relevant Australian and international technical standards
 - manufacturer guidelines (instructions, specifications or checklists) for the purpose of Performance Assessment
 - relevant industry standards and operating procedures (where applicable)
 - safe work method statements (SWMS), as required.

Links

Companion Volume implementation guides are found in VETNet -

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