



Australian Government

TLIC4070 Tow a disabled heavy vehicle

Release: 1

TLIC4070 Tow a disabled heavy vehicle

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 hook-up and unhook a damaged or disabled heavy vehicle.

It includes preparing and responding to a call, implementing road safety procedures to commence hook-up, hooking up disabled vehicle, unhooking disabled vehicle and completing towing operations.

This unit applies to those working in the heavy recovery industry. It does not include salvage operations.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Not applicable.

Competency Field

C – Vehicle Operation

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Prepare and respond to call

PERFORMANCE CRITERIA

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

- | | |
|-----|---|
| 1.1 | Equipment is checked, serviced and made operationally ready for use |
| 1.2 | Tow task information is obtained and type of heavy vehicle |

- and event is determined
- 1.3 Personal protective equipment is selected relevant to nature of towing operation
 - 1.4 Further details of event are received en route
- 2 Implement road safety procedures to commence hook-up**
- 2.1 Disabled vehicle is approached and recovery vehicle is parked in accordance with safe roadside working procedures
 - 2.2 Job hazards are identified and required action is taken to minimise, control or eliminate identified hazards
 - 2.3 Appropriate action is taken to ensure the safety of all disabled vehicle occupants
 - 2.4 Occupants are moved to recovery vehicle safety, away from road and recovery vehicle equipment
 - 2.5 Beacons are placed at immediate approach to breakdown scene
 - 2.6 Authorities are notified if there is likelihood of danger or undue delays
 - 2.7 All movements between vehicles are confined to nearside if possible
- 3 Hook-up disabled vehicle**
- 3.1 Exact nature of problem is correctly diagnosed to decide on correct towing method
 - 3.2 Driver of damaged or disabled heavy vehicle is informed about recovery procedures that will be undertaken
 - 3.3 Recovery vehicle is safely manoeuvred into position to facilitate recovery and to minimise inconvenience to traffic flow
 - 3.4 Towing hook-up procedures are used to connect up disabled vehicle for recovery, ensuring safety standards are adequate for tow weight
 - 3.5 Disabled vehicle brake control system is interconnected so brakes can be operated from recovery vehicle
 - 3.6 Driveline is disconnected in accordance with manufacturer guidelines and secured
 - 3.7 Under lift boom is retracted to shortest position suitable for towing, and lock and check turning clearance

- 3.8 Warning lights and signs are attached in accordance with regulatory requirements
 - 3.9 Final checks are undertaken and hook-up of disabled vehicle is completed in accordance with organisational and regulatory requirements
 - 3.10 Disabled vehicle is safely towed using appropriate defensive driving techniques and procedures
- 4 Unhook disabled vehicle**
 - 4.1 Disabled vehicle is safely manoeuvred into position in accordance with job requirements
 - 4.2 Disabled vehicle brakes are engaged and vehicle is chocked
 - 4.3 Unhook procedures are used correctly to safely disconnect disabled vehicle
 - 4.4 Removed driveline components that were disconnected are placed near disabled vehicle
 - 4.5 Disabled vehicle is positioned in accordance with organisational and customer requirements
- 5 Conclude towing operations**
 - 5.1 Recovery vehicle and equipment are cleaned and serviced in accordance with organisational procedures and manufacturer guidelines, prior to standing down from operation
 - 5.2 Operational documentation is completed in accordance with organisational 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 TLIC4070A Tow a disabled heavy vehicle.

Links

Companion Volume implementation guides are found in VETNet -

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