



Australian Government

TLIC3010 Pilot or escort oversized and/or overmassed loads

Release: 2

TLIC3010 Pilot or escort oversized and/or overmassed loads

Modification History

Release 2. This is the second release of this unit of competency in the TLI Transport and Logistics Training Package.

- Minor changes to unit Application
- Minor changes to Performance Criteria
- Minor changes to Performance Evidence
- Minor changes to Knowledge Evidence
- Minor changes to Assessment Conditions.

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 pilot or escort oversized and/or overmassed loads.

Work must be carried out in accordance with National Heavy Vehicle Regulator (NHVR) regulations for piloting and escorting oversized and overmassed loads, and relevant state and/or territory roads and traffic authority licence and/or permit requirements.

It includes preparing for pilot and/or escort operation, carrying out communications regarding pilot/escort operation, and fulfilling all functions related to piloting and escorting vehicles carrying oversized and overmassed loads.

Work is performed with limited or minimum supervision, and with limited accountability and 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

C – Vehicle Operation

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential outcomes.

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

1 Prepare for pilot or escort operation

- 1.1** Job hazards are identified and required actions taken to minimise, control or eliminate identified hazards
- 1.2** Maintenance needs of pilot and/or escort vehicles and associated equipment are identified in accordance with maintenance schedule or fault reports
- 1.3** Pilot and/or escort vehicles and associated equipment are prepared for operation in accordance with manufacturer specifications, regulations and workplace procedures
- 1.4** Minor vehicle maintenance is carried out in accordance with workplace procedures and manufacturer specifications
- 1.5** Post-maintenance inspections and tests of pilot and/or escort vehicles and associated equipment are completed
- 1.6** Inspection outcomes, identified faults and repairs are recorded in accordance with workplace procedures

2 Carry out communications regarding pilot or escort operation

- 2.1** Transport companies whose vehicles are scheduled for escort are consulted to confirm requirements for escort operation
- 2.2** Escort permit is verified for completeness and accuracy, and convoy is checked to ensure accordance with permit, regulations and workplace procedures
- 2.3** Permit holder is advised of the results of the permit check
- 2.4** Convoy is briefed and given instructions and directions about escort operation in accordance with workplace procedures

3 Conduct pilot and/or escort operation

- 3.1** Required vehicle positioning, traffic warning and directional signalling procedures are implemented to enable safe passage of load
- 3.2** Safety equipment is operated and roadside obstacles are positioned to ensure safe passage of load in accordance with regulations and workplace procedures
- 3.3** Precautions are taken to ensure convoy personnel are aware of road and other conditions that may impact on load and vehicle security

- 3.4 All required liaison with relevant authorities is undertaken
- 3.5 Documentation is completed and proofread in accordance with regulations and 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 TLI Transport and Logistics Training Package Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to TLIC3010A Pilot or escort oversized and/or overmassed loads.

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 TLIC3010 Pilot or escort oversized and/or overmassed loads

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Performance Evidence

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

- applying precautions and required actions to minimise, control or eliminate identified hazards
- applying relevant regulatory requirements and workplace procedures
- communicating effectively with others
- completing relevant documentation
- modifying activities depending on operational contingencies, risk situations and environments
- operating and adapting to differences in equipment in accordance with operating procedures
- reading, interpreting, and following relevant instructions, procedures, information and signs
- reporting and/or rectifying identified problems promptly in accordance with regulatory requirements and workplace 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 the requirements of the elements and performance criteria and include knowledge of:

- documentation requirements for piloting and escorting oversized and/or overmassed loads
- driving hazards and related defensive driving techniques
- efficient driving techniques
- factors that may cause traffic delays and diversions and related action that can be taken
- low-risk driving behaviours
- map reading and road navigation techniques
- National Heavy Vehicle Regulator (NHVR) rules, regulations and guidelines
- pre-operational checks carried out on vehicle and related actions
- principles of stress management when carrying out pilot and/or escort functions
- procedures to be followed in a driving, piloting and/or escorting emergency
- relevant Australian Road Rules and state/territory roads and traffic authority road rules, regulations, permit and licence requirements for piloting and escorting oversized and overmassed loads
- relevant work health and safety (WHS)/occupational health and safety (OHS) and environmental procedures and regulations.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

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 must include access to:

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

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