



Australian Government

TLIF2018 Operate firefighting equipment

Release: 3

TLIF2018 Operate firefighting equipment

Modification History

Release 3. This is the third release of this unit of competency in the TLI Transport and Logistics Training Package:

- Minor statement change in Application. Removed reference to “Supply Chain”

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

- Minor statement changes in Application
- Minor statement changes in PC 1.1
- Minor statement changes in Performance Evidence
- Minor statement changes in Knowledge Evidence
- Minor statement changes in 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 operate firefighting equipment. Work is undertaken in accordance with relevant codes of practice, manufacturer instructions and workplace emergency response procedures, as part of work activities in a range of contexts.

It includes checking, identifying, selecting and using the appropriate firefighting equipment.

Work is performed under some supervision generally within a team environment.

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

Pre-requisite Unit

Not applicable.

Competency Field

F – Safety Management.

Unit Sector

Rail sector.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Check firefighting equipment

2 Use firefighting equipment

PERFORMANCE CRITERIA

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

- 1.1 Firefighting equipment is checked for serviceability in accordance with manufacturer instructions and regulatory requirements
- 1.2 Non-functioning equipment or equipment past its service date is identified and reported to designated personnel for replacement or service
- 2.1 Equipment and personal safety equipment used for fighting fires are correctly selected for type of fire in accordance with manufacturer instructions
- 2.2 Fire is controlled using firefighting equipment in accordance with manufacturer instructions and workplace emergency response procedures
- 2.3 Equipment is stored safely in accordance with manufacturer instructions 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.

Unit Mapping Information

This unit replaces and is equivalent to TLIF2018A Operate firefighting equipment.

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 TLIF2018 Operate firefighting equipment

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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 relevant legislation and workplace procedures
- communicating effectively, working safely and collaboratively with others when fighting fires using firefighting equipment
- identifying and correctly selecting, using and carrying out basic checks on firefighting equipment relevant to own work functions
- interpreting and following operational instructions and prioritising work
- monitoring performance of firefighting equipment and taking appropriate actions
- monitoring work activities in terms of planned schedule
- operating and adapting to differences in firefighting equipment and emergency response procedures in the workplace
- reading and interpreting instructions, procedures, regulations, signs and labels relevant to using firefighting equipment and applying them to work activities
- selecting and using required personal protective equipment (PPE) conforming to industry, and work health and safety (WHS)/occupational health and safety (OHS) standards
- 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:

- Australian codes of practice and regulations relevant when using and checking firefighting equipment
- chemistry of fire, the effects of different types of material in a fire and the principles underlying the spread of fire and its extinguishment, firefighting techniques, agents and precautions applicable to different classes of fire
- different classes of fire, their characteristics and strategies, and equipment needed for their extinguishment
- fixed fire prevention and extinguishing installations and their principles of operation
- manufacturer instructions for checking firefighting equipment
- relevant WHS/OHS and environmental protection procedures and guidelines
- types of firefighting appliances, equipment and systems, their identifying features, principles of operation and the procedures for their use and basic checking of serviceability
- typical problems that can occur with firefighting equipment and operations, and appropriate actions and solutions
- workplace procedures and policies for using and checking firefighting equipment.

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 other simulations
- relevant and appropriate materials, tools, equipment and PPE currently used in industry
- applicable documentation including workplace procedures, regulations, codes of practice and operation manuals.

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