



Australian Government

TLIF4070 Operate fire and life safety system within a tunnel

Release: 2

TLIF4070 Operate fire and life safety system within a tunnel

Modification History

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

- Minor word change in Performance 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 fire and life safety systems within a tunnel and to activate safety system procedures.

It includes the application of workplace safe work instructions and procedures and regulatory requirements in operating and maintaining fire and life safety systems. It also includes developing an understanding of the risk management procedures for operating fire and life safety systems within a tunnel.

Tasks are performed individually within a control environment. The role may at times be required to work 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

Not applicable.

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential Performance criteria describe the performance needed to

outcomes.

demonstrate achievement of the element.

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| 1 Operate fire and life safety systems | 1.1 Fire and life safety systems are operated on control panels in accordance with workplace procedures, including in a degraded or contingency state |
| | 1.2 Electrical distribution systems are identified and operated in accordance with workplace procedures |
| | 1.3 Pumps and drainage systems are identified and operated in accordance with workplace procedures |
| | 1.4 Relevant information is processed to establish priorities and responses for dealing with issues or incidents |
| | 1.5 Intelligent transport systems (ITSs) in tunnels are coordinated to ensure safety of all traffic |
| 2 Maintain fire and life safety systems | 2.1 Fire and life safety systems are maintained in accordance with workplace procedures |
| | 2.2 Actions undertaken are clearly documented and retained |
| 3 Activate fire and life safety system procedures | 3.1 Ventilation and/or deluge systems are operated in accordance with workplace procedures |
| | 3.2 Lighting levels are maintained in accordance with workplace procedures |
| | 3.3 Liaison is initiated and maintained with organisations/individuals affected by changed operational activities |
| | 3.4 Evacuation of tunnel is conducted in accordance with workplace procedures |
| | 3.5 Systems are monitored and reactivated in accordance with 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 TLIF4070A Operate fire and life safety system within a tunnel.

Links

Companion Volume Implementation Guides are found in VETNet -

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