



Australian Government

Department of Education, Employment and Workplace Relations

TLIU3014A Operate vehicle in an environmentally sustainable manner

Release: 1

TLIU3014A Operate vehicle in an environmentally sustainable manner

Modification History

Not Applicable

Unit Descriptor

Unit Descriptor

This unit involves the skills and knowledge required to effectively operate a vehicle in an environmentally sustainable manner. Licensing, legislative, regulatory or certification requirements are applicable to this unit.

Application of the Unit

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Operation of a vehicle in an environmental sustainable manner is performed with limited or minimum supervision, with accountability and responsibility for self and others in achieving the prescribed outcomes.

Licensing/Regulatory Information

Refer to Unit Descriptor

Pre-Requisites

Not Applicable

Employability Skills Information

Employability Skills This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a unit of competency.

Performance criteria describe the required performance needed to demonstrate achievement of the element. Assessment of performance is to be consistent with the evidence guide.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1 Operate a vehicle in an environmentally sustainable manner	1.1 Environmental regulations as they relate to operating vehicles in a sustainable environment are complied with 1.2 Work place environmentally sustainable practices are identified for operating vehicles 1.3 Vehicle is operated in consideration of environmental factors 1.4 Maintenance efficiencies are identified to ensure vehicle is operating at optimum levels

Required Skills and Knowledge

REQUIRED KNOWLEDGE AND SKILLS

This describes the essential knowledge and skills required at the completion of this unit

Required knowledge:

- Relevant road rules, regulations, permit and licence requirements of the relevant state/territory road traffic authority
- Relevant OH&S and environmental procedures and regulations relating to operating a vehicle in an environmentally sustainable manner
- Workplace driving and operational instructions
- Efficient driving techniques and environmental driving considerations, including factors that can affect the environment if not operating a vehicle in an environmentally sustainable manner
- Factors which may cause traffic delays and diversions and related action that can be taken by a driver
- Consideration of trip preparation when operating a vehicle in an environmentally sustainable manner
- Work place documentation

Required skills:

- Communicate effectively with others
- Read and interpret instructions, procedures, information and signs relevant to the operation of a vehicle in an environmentally sustainable manner
- Interpret and follow operational instructions and prioritise work
- Complete documentation related to the operation of a vehicle in an environmentally sustainable manner
- Work collaboratively with others when operating a vehicle in an environmentally sustainable manner

Required skills:

manner

- Adapt appropriately to cultural differences in the workplace and customer sites, including modes of behaviour and interactions with others
- Implement contingency plans for unexpected events when operating a vehicle in an environmentally sustainable manner
- Apply precautions and required action to minimise, control or eliminate hazards that may exist
- Monitor and anticipate traffic hazards and take appropriate action
- Modify activities depending on differing operational contingencies, risk situations and environments
- Apply fatigue management knowledge and techniques
- Work systematically with required attention to detail without injury to self or others, or damage to goods or equipment
- Operate and adapt to differences in equipment in accordance with standard operating procedures
- Select and use required personal protective equipment conforming to industry and OH&S standards
- Monitor performance of a vehicle, its trailers and its equipment and take appropriate action where required

Evidence Guide**EVIDENCE GUIDE**

The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required knowledge and skills, the range statement and the assessment guidelines for this Training Package.

Critical aspects for assessment and evidence required to demonstrate competency in this unit

- The evidence required to demonstrate competency in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria of this unit and include demonstration of:
 - applying techniques for operating a vehicle in an environmentally sustainable manner
 - demonstrating an understanding of relevant legislation and workplace procedures for operating vehicle in an environmentally sustainable manner
 - demonstrating an understanding of the factors that can affect the environment if not operating a vehicle in an environmentally sustainable manner

Context of and specific resources

- Access is required to:

EVIDENCE GUIDE

for assessment

- relevant and appropriate materials and equipment to meet the performance criteria, and
- applicable documentation including workplace procedures, regulations, codes of practice and operation manuals

Method of assessment

- Practical assessment must occur:
 - in three different aspects of the job function as it would apply in the workplace
- A simulator is not suitable for final assessment of this unit of competency

Range Statement

RANGE STATEMENT

The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance.

Environmentally sustainable driving may include:

- observance of speed limits
- transmission control
- use of auxiliary braking systems
- tyre pressures
- vehicle maintenance
- following distance from the vehicle in front

Vehicles include:

- the full range of heavy vehicles
- commercial vehicles

Depending on the type of organisation concerned and the local terminology used, workplace procedures may include:

- company procedures
- enterprise procedures
- organisational procedures
- established procedures

Documentation/records may include:

- state/territory heavy vehicle driving licence/permit requirements
- state/territory road rules
- workplace driving instructions and procedures
- vehicle manufacturers instructions, specifications and recommended driving procedures including preoperational checks of vehicle
- vehicle work diaries or record book

Applicable procedures and codes

- relevant state/territory roads and traffic authority driving regulations and licence/permit requirements relevant

RANGE STATEMENT

may include:

- state/territory road rules
- relevant state/territory OH&S legislation
- relevant state/territory fatigue management regulations
- relevant state/territory environmental protection legislation

Unit Sector(s)

Not Applicable

Competency Field

Competency Field U - Environment