



Australian Government

Department of Education, Employment and Workplace Relations

TLIU1013A Prepare for environmentally sustainable work practices

Release: 1

TLIU1013A Prepare for environmentally sustainable work practices

Modification History

Not Applicable

Unit Descriptor

Unit Descriptor

This unit involves the skills and knowledge required to prepare for and understand environmentally sustainable workplace requirements, including the implications of resource use and work processes required to make improvements. It requires the ability to access industry information, applicable legislation and OH&S and environmental guidelines. Licensing, legislative, regulatory or certification requirements are applicable to this unit.

Application of the Unit

Application of the Unit

This unit applies to individuals who are preparing for work in transport and logistics. It entails developing an understanding of developed strategies, systems and plans pertaining to environmentally sustainable work practices.

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 Identify industry environmentally sustainable information	1.1 Workplace environmental and resource efficiency issues are identified 1.2 Range of issues relevant to employment in transport and logistics, including the application of legislation and national standards, industry procedures and OH&S requirements, are assessed from an environmental sustainability point of view
2 Identify environmentally sustainable work practices for the transport and logistics industry	2.1 Reasons for environmental sustainability action are identified 2.2 Appropriate transport and logistics environmentally sustainable work practices are listed

Required Skills and Knowledge

REQUIRED KNOWLEDGE AND SKILLS

This describes the essential knowledge and skills and their level required for this unit.

Required knowledge:

- Environmental issues relating to:
 - life cycle of products: re-new, re-use and recycle
 - workplace/site
- Occupational health and safety (OH&S) requirements relating to:
 - OH&S hierarchy of control
- Service requirements for transport and logistics, including:
 - company requirements and structure
 - legislation, regulations and codes of practice applicable to specific transport and logistics functions
 - cleaning and maintenance of equipment
 - selection of equipment
 - operation of equipment
 - resource efficiency processes
 - transport and logistics environmental options and best practices
 - supply chain procedures

REQUIRED KNOWLEDGE AND SKILLS

- other relevant enterprise policies, procedures and protocols
- duty of care
- Principles, practices and available tools and techniques of sustainability management relevant to the transport and logistics context, such as :
 - the correct use of equipment according to environmental protection regulations and guidelines
 - techniques for minimising fuel/materials consumption

Required skills:

- Interpersonal skills to:
 - work in a team environment
- Oral communication skills, including:
 - questioning
 - listening
 - liaison
- Reading skills to interpret:
 - work requirements or material safety data sheets (MSDSs)
- Self-management skills to:
 - identify hazard and risks
 - prioritise learning and duties
- Written communication skills for:
 - recording information
- Ability to relate to people from a range of social, cultural and ethnic backgrounds and physical and mental abilities

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

- 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

EVIDENCE GUIDE

demonstrate competency in this unit

this unit and include demonstration of:

- developing professional relationships with stakeholders
- identifying reasons for environmentally sustainable work practices
- identifying transport and logistics environmentally sustainable work practices
- complying with OH&S standards

Context of and specific resources for assessment

- Performance is demonstrated consistently over a period of time and in a suitable range of contexts
- Resources for assessment include:
 - a range of relevant exercises, case studies and/or other simulated practical and knowledge assessment, and/or
 - access to an appropriate range of relevant operational situations in the workplace
- In both real and simulated environments, access is required to:
 - relevant and appropriate materials and equipment, and
 - applicable documentation including workplace procedures, regulations, codes of practice and operation manuals

Method of assessment

- As a minimum, assessment of knowledge must be conducted through appropriate written/oral tests
- Practical assessment must occur:
 - through activities in an appropriately simulated environment, and/or
 - in an appropriate range of situations in the workplace

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.

Environmental and resource efficiency issues may include:

- minimisation of environmental risks and maximisation of opportunities to improve business environmental performance and to promote more efficient production and

RANGE STATEMENT

	consumption of natural resources, for example by: • minimisation of pollution, through sound equipment operating techniques • minimisation of waste through effective storage and recycling • efficient energy use, seeking alternative sources of energy
Legislation and national standards may include:	• Australian standards • award and enterprise agreements • licensing arrangements • relevant codes of practice • relevant commonwealth, state and territory legislation which affects organisational operation: • environmental issues • industrial relations • OH&S
Industry procedures may include:	• carbon training emissions policy • environmental management strategy • lean management techniques • resource recovery
OH&S requirements may include:	• understanding of company OH&S guidelines such as: • appropriate personal protective equipment and clothing
Reasons for environmental sustainability action may include:	• biodiversity and environmental impacts • greenhouse gas emissions • resource scarcity • non-renewable resource use • pollution: • air • land • hazardous materials • waste • water
Appropriate transport and logistics or warehousing environmentally sustainable work practices may include:	• preventing and minimising risks and maximising opportunities such as: • minimise usage of fuel or use alternative forms of energy where appropriate • reducing emissions of greenhouse gases • reducing use of non-renewable resources • improving energy efficiency

RANGE STATEMENT

- increasing use of renewable, recyclable, reusable and recoverable resources

Unit Sector(s)

Not Applicable

Competency Field

Competency Field U - Environment