



Australian Government

TLIU3015 Identify wastes and hazards in the waste management industry

Release: 1

TLIU3015 Identify wastes and hazards in the waste management industry

Modification History

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 identify a range of wastes and potential hazards that may be present in the work environment, to assess risks associated with identified hazards and to mitigate those risks effectively.

It includes following directions, implementing systems and plans for risk control measures, as well as recognising the need for expert advice and/or implementing emergency procedures.

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

Pre-requisite Unit

Not applicable.

Competency Field

U – Environment

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 Identify waste	1.1 Waste characteristics are identified
	1.2 Types of wastes are differentiated by waste stream or waste categories in accordance with state/territory regulatory requirements
	1.3 Hazardous and dangerous waste, and non-conforming waste are detailed

- 1.4 Contaminants present in waste are noted
- 1.5 Further information on waste is obtained by questioning appropriate personnel to ensure correct identification in accordance with state/territory regulatory requirements
- 2 Identify hazards and assess risk**
 - 2.1 Potential hazards present in work environment are identified and recorded in accordance with workplace policies and state/territory regulatory requirements
 - 2.2 Based on hazards identified, risks are assessed and reported in accordance with workplace policies and state/territory regulatory requirements
 - 2.3 Supervisor and team members are accurately informed of job requirements, identified hazards and risk assessment
 - 2.4 Safe work practices that prevent risk behaviour are outlined to supervisor in accordance with workplace policies and procedures
- 3 Implement and evaluate risk controls**
 - 3.1 Appropriate risk controls are discussed with supervisor and team members
 - 3.2 Appropriate risk controls are implemented in accordance with workplace policies and procedures
 - 3.3 Risk controls implemented are evaluated for effectiveness and modified as required in accordance with workplace policies and procedures
- 4 Implement emergency procedures**
 - 4.1 Emergency procedures are identified and confirmed with supervisor
 - 4.2 Emergency procedures are practised with team members and implemented as required in accordance with workplace policies and procedures, and state/territory regulatory requirements

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 Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to TLIU3015A Identify wastes and hazards in the waste management industry.

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 TLIU3015 Identify wastes and hazards in the waste management industry

Modification History

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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:

- communicating effectively verbally and in writing
- conducting work practices safely and efficiently by observing work health and safety (WHS)/occupational health and safety (OHS) requirements
- documenting and keeping records
- identifying a range of potential hazards present in the workplace and assessing risk
- identifying a range of waste streams, hazardous wastes and waste contaminants
- identifying waste types and waste non-conformances
- listing potential hazards and risks
- reading and interpreting:
 - emergency requirements
 - hazard advice
 - job sheets
- work requirements and safety data sheets (SDSs)/material safety data sheets (MSDSs)
- segregating valuable resources in composite materials
- segregating waste types, including potentially hazardous waste.

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:

- emergency response procedures relating to:
 - coding systems
 - working in confined space
 - duty of care
 - environmental agencies
 - identification of work areas, including location of:
 - alarms
 - communications equipment
 - emergency equipment
 - reporting requirements
 - signalling techniques
 - state/territory environmental regulations
 - waste containment methods and isolation of emergencies
 - waste management hierarchy
- identification of waste:
 - contaminants
 - disposal and recovery routes
 - management options
 - monitoring procedures
 - non-conformances
 - non-conformance handling procedures
 - storage requirements
 - types
- potential hazards and risks relating to:
 - dangerous goods
 - potential incidents
- procedures for containing segregated waste types, including containment and isolation of hazardous waste
- WHS/ OHS requirements relating to:
 - chemical storage and decanting
 - dangerous goods and hazardous substances
 - first aid appropriate for likely hazards and risks in work environment
 - hierarchy of risk control.

Assessment Conditions

As a minimum, assessors must satisfy applicable regulatory requirements, which include requirements in the *Standards for Registered Training Organisations* current at the time of

assessment.

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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 include:

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

Links

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