



Australian Government

Department of Education, Employment and Workplace Relations

TLID1507D Identify and label explosives and dangerous goods

Release: 1

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Modification History

Not applicable.

Unit Descriptor

This unit involves the skills and knowledge required to identify and label explosives and dangerous goods, including assessing explosives/dangerous goods; handling explosives/dangerous goods in accordance with regulatory requirements; labelling explosives/dangerous goods in accordance with regulatory requirements; and complying with all required documentation. Licensing, legislative, regulatory or certification requirements are applicable to this unit.

Application of the Unit

Work must be carried out in compliance with the regulatory requirements of the relevant Australian state/territory authorities concerned with the carriage of explosives and dangerous goods including the current Australian Dangerous Goods and Australian Explosives Codes. Work is performed under limited or minimum supervision. It involves the application of standard procedures and regulatory requirements for the identification and labelling of explosives and dangerous goods.

Licensing/Regulatory Information

Refer to Unit Descriptor

Pre-Requisites

Not applicable.

Employability Skills Information

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

Elements and Performance Criteria

Element	Performance Criteria
1 Assess explosives/dangerous goods	1.1 Load is checked for explosives/dangerous goods in accordance with the relevant codes and government regulations 1.2 Types of explosives/dangerous goods are identified from labels, Dangerous Goods (DG) declarations and placarding in accordance with workplace procedures, and all required action is taken to ensure compliance with relevant government regulations and Australian Dangerous Goods (ADG)/Australian Explosives Codes as applicable 1.3 Hazards posed by load are identified from labels and material safety data sheets (MSDS)
2 Handle explosives/dangerous goods	2.1 Identified explosives/dangerous goods are handled and loaded/unloaded in accordance with regulatory requirements, codes, National Load Restraint Guide, and employer policy 2.2 Appropriate personal protective equipment is used when handling explosives/dangerous goods in accordance with class, subsidiary risk and MSDS information 2.3 Handling of different types of load takes into account the identified hazards posed by the explosives/dangerous goods concerned 2.4 When loading/storing explosives/dangerous goods, segregation procedures are followed according to the class and subsidiary risk information
3 Label explosives/dangerous goods	3.1 All packages/containers are labelled with the class and subsidiary risk in accordance with current ADG/Australian Explosives Codes as applicable 3.2 A dangerous goods declaration is included with manifest and other shipping documents 3.3 Vehicles carrying explosives and/or dangerous goods are placarded in accordance with current ADG/Australian Explosives Codes as applicable

- 4 **Complete documentation**
- 4.1 All required transport documents are completed in accordance with current ADG/Australian Explosives Codes as applicable

Required Skills and Knowledge

REQUIRED KNOWLEDGE AND SKILLS

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

Required knowledge:

Relevant Australian and state/territory regulations and codes pertaining to the identification and labelling of explosives and dangerous goods including the current ADG and Australian Explosives Codes

OH&S procedures and guidelines concerning the lifting and movement of loads

Risks and hazards when loading, unloading and handling explosives and dangerous goods, and related precautions to control the risk

Workplace procedures and policies for the identification and labelling of explosives and dangerous goods

Characteristics of explosives and dangerous goods relevant to handling and transport

Compatibility of various types of explosives and dangerous goods

Site layout and obstacles

Housekeeping standards procedures required in the workplace

Required skills:

Communicate effectively with others when loading, unloading and handling explosives and dangerous goods

Read and interpret instructions, procedures, information and signs relevant to the loading, unloading and handling of explosives and dangerous goods

Interpret material safety data sheets, containers and goods coding, markings and other information describing explosives and dangerous goods including, where applicable, emergency information panels for the mode of transport/storage selected

Interpret and follow operational instructions and prioritise work

Complete documentation related to the loading, unloading and handling of explosives and dangerous goods

Correctly mark/label explosives and dangerous goods

Operate electronic communication equipment to required protocol

Work collaboratively with others when loading, unloading and handling explosives and dangerous goods

Adapt appropriately to cultural differences in the workplace, including modes of behaviour and interactions with others

Promptly report and/or rectify any identified problems that may occur when loading, unloading and handling explosives and dangerous goods in accordance with regulatory requirements and workplace procedures

Implement contingency plans for unexpected events that may arise when loading, unloading and handling explosives and dangerous goods

Apply precautions and required action to minimise, control or eliminate hazards that may exist during the loading, unloading and handling of explosives and dangerous goods

Monitor work activities in terms of planned schedule

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

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:

identifying explosives and dangerous goods from labels in accordance with regulatory requirements and practices

handling explosives and dangerous goods according to regulatory requirements, codes, National Load Restraint Guide and employer policy as appropriate

locating, interpreting and applying relevant codes and regulations

identifying the hazards from labels of explosives and dangerous goods

identifying the personal protective equipment required when handling explosives and dangerous goods

maintaining workplace records for the explosives and dangerous goods

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 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/or

equipment, and/or

applicable documentation including
workplace procedures, regulations, codes of
practice and operation manuals

Method of assessment

Assessment of this unit must be undertaken
by a registered training organisation

As a minimum, assessment of knowledge
must be conducted through appropriate
written/oral tests

Practical assessment must occur:

through appropriately simulated activities at
the registered training organisation, 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.

Operations may be conducted: in a range of work environments and weather conditions

by day or night

Customers may be: internal or external

Workplaces may comprise: large, medium or small worksites

Work may be conducted in:

- restricted spaces
- exposed conditions
- controlled or open environments
- a workplace, warehouse or depot
- in a vehicle on the road
- at a client's workplace

Goods/cargo to be identified and classified may: require special precautions for handling and storage

Classes of dangerous goods and explosives are: as defined in the respective Australian codes

Standard marking and signage for identified explosives and dangerous goods is: as required in the respective Australian codes

Personnel in the work area may include:

- workplace personnel
- site visitors
- contractors
- official representatives

Communication in the work area may include:

- phone
- electronic data interchange
- fax
- email
- internet
- radio
- oral, aural or signed communications

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

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

Personal protective equipment may include:

- gloves
- safety headwear and footwear
- safety glasses
- two-way radios
- high visibility clothing

Information/documents may include:

- goods identification numbers, codes, markings and signs
- codes of practice including the Australian/International Dangerous Goods Codes and the Australian/International Explosives Codes
- manifests, bar codes, goods and container identification
- manufacturers specifications for equipment/tools
- workplace procedures and policies for the loading and unloading of vehicles
- supplier and/or client instructions
- material safety data sheets
- award, enterprise bargaining agreement, other industrial arrangements
- standards and certification requirements
- quality assurance procedures
- emergency procedures

Applicable regulations and legislation may include:

- current Australian and international regulations and codes of practice for the handling and transport of dangerous goods and hazardous substances, including:
 - Australian and International Dangerous Goods Codes
 - Australian Marine Orders and the International Maritime Dangerous Goods

Code

International Air Transport Association
(IATA) Dangerous Goods by Air regulations

Australian and International Explosives
Codes

relevant state/territory environmental
protection legislation

equal opportunity legislation

workplace relations regulations

equal employment and affirmative action
legislation

relevant state/territory OH&S legislation

Unit Sector(s)

Not applicable.

Competency Field

D - Load Handling