



Australian Government

Department of Education, Employment and Workplace Relations

TLID1407C Load and unload vehicles carrying special loads

Release: 1

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Modification History

Not applicable.

Unit Descriptor

This unit involves the skills and knowledge required to load and unload vehicles carrying special loads, including loading and unloading the special load onto and from the vehicle, securing and protecting the vehicle and the load, and completing all required documentation.

Application of the Unit

Work must be carried out in compliance with the licence and permit requirements and regulations of the relevant state/territory roads and traffic authority as well as the specific code, regulatory and permit requirements pertaining to the special load being carried.

Work is performed under some supervision generally within a team environment. It involves the application of the basic principles, routine procedures and regulatory requirements to the loading and unloading of vehicles designed to carry special loads.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Not applicable.

Employability Skills Information

The required outcomes described in this unit of competency contain applicable facets of Employability Skills. The Employability Skills Summary of the qualification in which this competency is packaged will assist in identifying employability skill requirements.

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 Load and unload vehicle	1.1 Load characteristics are identified and taken into account when determining appropriate loading and unloading procedures 1.2 Hazardous cargo is identified and handled in accordance with required procedures for hazardous and dangerous cargo 1.3 Vehicle is loaded demonstrating compliance with vehicle loading regulations and workplace safety requirements 1.4 Lifting aids and appliances are selected and used to aid loading procedures in compliance with workplace procedures and safety legislation 1.5 Vehicle is unloaded or partially unloaded in a safe and efficient manner taking into account suitable locations, stowage, safe use of equipment and the balance of the remaining load 1.6 Ancillary equipment is operated in accordance with company procedures and manufacturers instructions during loading and unloading operations
2 Secure and protect vehicle and load	2.1 The vehicle load is secured using the correct load restraint and protection equipment for different loads, vehicles and carriage conditions 2.2 The load is protected in accordance with legal and workplace safety requirements 2.3 The distribution of the load is checked to ensure that it is even, legal and within the safe working capacity of the vehicle
3 Complete documentation	3.1 The loaded vehicle is inspected and checked for security to travel 3.2 All required transportation documentation for the cargo is completed in accordance with workplace requirements

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 state/territory mass and loading regulations and regulations pertaining to the various types of special loads, including Australian Dangerous Goods (ADG) and Australian Explosives Code where applicable

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

Characteristics of various types of special loads

Risks and hazards when loading and unloading various types of special loads and related precautions to control the risk

Workplace procedures and policies for the loading and unloading of vehicles designed to carry special loads

Containers and goods coding, IMDG markings and where applicable emergency information panels, including their meaning and implications for loading and unloading processes

Housekeeping standards procedures required in the workplace

Methods of securing various types of special loads

Site layout and obstacles

Required skills:

Communicate effectively with others when loading and unloading special loads

Read and interpret instructions, procedures, information and signs relevant to the loading and unloading of special loads

Identify and interpret containers and goods coding, IMDG markings and where applicable emergency information panels

Interpret and follow operational instructions and prioritise work

Complete documentation related to the loading and unloading of special loads

Operate electronic communication equipment to required protocol

Estimate the size, shape and special requirements of loads

Work collaboratively with others when loading and unloading special loads

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 and unloading special loads in accordance with regulatory requirements and workplace procedures

Implement contingency plans for unexpected events that may arise when loading and unloading special loads

Apply precautions and required action to minimise, control or eliminate hazards that may exist during the loading and unloading of special loads

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

Identify and correctly use equipment required to load and unload the various types of special loads

Safely use manual handling techniques and to operate manually

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:

the underpinning knowledge and skills

relevant legislation and workplace procedures

other relevant aspects of the range statement

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.

Type of vehicle may include all vehicles designed to carry special loads, for example:	concrete agitator livestock transporter armoured car tanker refrigerated vehicle waste vehicle fresh produce vehicle car carrier container carrier recovery vehicle vehicles carrying dangerous goods or explosives
Loading and unloading 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
Loads to be shifted may be:	irregularly shaped packaged or unpackaged labelled or unlabelled palletted or unpalletted
Hazards in the work area may include exposure to:	chemicals dangerous or hazardous substances movements of equipment, goods and materials

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
Loading operations may be carried out:	manually with the aid of lifting equipment and/or appliances
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 and codes, including ADG and IMDG markings and HAZCHEM signs manifests, bar codes, goods and container identification manufacturers specifications for equipment/tools workplace procedures and policies Australian and international regulations and codes of practice for the handling and transport of dangerous goods and hazardous

substances
supplier and/or client instructions
material safety data sheets
codes of practice including the National Standards for Manual Handling and the Industry Safety Code
National Load Restraint Guide
Australian Truck Drivers Manual
award, enterprise bargaining agreement, other industrial arrangements
relevant standards and certification requirements
quality assurance procedures
emergency procedures

Applicable regulations and legislation may include:

state/territory mass and loading regulations
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
IATA Dangerous Goods by Air regulations
Australian and International Explosives Codes
Code of Practice for the Safe Transport of Radioactive Substances
state/territory legislation covering the safe handling of infectious substances

relevant state/territory environmental protection legislation
relevant state/territory OH&S legislation

Unit Sector(s)

Not applicable.

Competency Field

D - Load Handling