



Australian Government

Department of Education, Employment and Workplace Relations

TLIA2507D Regulate temperature controlled stock

Release: 1

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Modification History

Not applicable.

Unit Descriptor

This unit involves the skills and knowledge required to regulate temperature controlled stock in accordance with workplace requirements including identifying goods requiring temperature control, monitoring temperature of goods, and identifying and rectifying any identified problems in accordance with workplace procedures.

Application of the Unit

Work must be carried out in compliance with the relevant regulations and workplace requirements concerning the regulation of temperature controlled stock.

Work is performed under some supervision generally within a team environment. It involves the application of product knowledge and an understanding of relevant regulatory requirements to the regulation of temperature controlled stock in the warehousing, distribution and/or storage industries.

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 Identify goods requiring temperature control	1.1 Goods requiring temperature control are identified 1.2 Temperature for short- term and long-term storage is selected to match product type 1.3 Upper and lower limits for temperature control are identified 1.4 Storage separations and co-storage applications are identified for products
2 Monitor temperature	2.1 Appropriate methods for determining temperature of goods are identified 2.2 Storage areas are monitored for temperatures within range for products 2.3 Products are monitored to ensure compliance with temperature storage requirements 2.4 Short-term storage times are identified for transit goods
3 Identify and rectify problems	3.1 Implications of incorrect temperature are identified 3.2 Damaged goods are identified and appropriate action is undertaken in accordance with enterprise procedures 3.3 Causes of out-of-temperature range are identified 3.4 Appropriate personnel are notified for problem rectification 3.5 Goods handling procedures for maintenance of temperature control are identified and implemented

Required Skills and Knowledge

REQUIRED KNOWLEDGE AND SKILLS

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

Required knowledge:

Australian codes and regulations relevant to the regulation of temperature controlled stock

Relevant OH&S and environmental protection procedures and guidelines

Workplace procedures and policies for the regulation of temperature controlled stock

Focus of operation of work systems, equipment, management and site operating systems for the regulation of temperature controlled stock

Special handling, stacking and storage requirements for temperature controlled stock

Procedures for pre-cooling and snap freezing

Problems that can occur when regulating temperature controlled stock and appropriate action that can be taken

Hazards when regulating and working with temperature controlled stock and appropriate action to control the risks involved

Documentation requirements including reports and records concerning damaged or contaminated goods

Housekeeping standards procedures required in the workplace

Site layout

Required skills:

Communicate effectively with others when regulating temperature controlled stock

Read and comprehend simple statements in English

Read and interpret instructions, procedures and labels relevant to the regulation of temperature controlled stock

Complete documentation related to the regulation of temperature controlled stock

Operate electronic communication equipment to required protocol

Work collaboratively with others when regulating temperature controlled stock

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

Promptly report and/or rectify any identified problems, faults or malfunctions when regulating temperature controlled stock in accordance with regulatory requirements and workplace procedures

Implement contingency plans for unplanned events when regulating temperature controlled stock

Modify activities depending on differing operational contingencies, risk situations and environments

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 stock and equipment in accordance with standard operating procedures

Select and use relevant equipment, processes and procedures

Check refrigeration equipment operation in terms of maintenance schedule and standard operating procedures

Select and implement corrective actions to maintain temperature levels

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 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.

Work may be conducted:	in a range of work environments by day or night
Customers may be:	internal or external
Workplaces may comprise:	large, medium or small worksites short -term and/or long-term temperature controlled areas
Work may be conducted in:	restricted spaces exposed conditions controlled or open environments
Procedures for pre-cooling and snap freezing may include:	automated spraying with liquid nitrogen immersion in a very cold refrigerant freezing in moving air at less than -30oC plate freezer with very low refrigerant temperatures
Hazards in the work area may include:	contamination of, or from, materials being handled noise, light, energy sources service lines spills, leakages, ruptures cold pipes and chilling equipment dangerous or hazardous substances movements of equipment, goods and materials dust/vapours oil, water or ice on floor a fire or explosion damaged packaging or pallets

	debris on floor faulty racking poorly stacked pallets faulty equipment
Hazard management is consistent with:	the principle of hierarchy of control with elimination, substitution, isolation and engineering control measures being selected before safe working practices and personal protective equipment
Requirements for work may include:	site restrictions and procedures use of safety and personal protective equipment communications equipment specialised lifting and/or handling equipment incident/accident breakdown procedures additional gear and equipment noise restrictions hours of operations authorities and permits
Communication in the work area may include:	phone electronic data interchange (EDI) fax email internet radio RF systems oral, aural or signed communications
Consultative processes may involve:	other employees and supervisors suppliers, customers and clients relevant authorities and institutions management and union representatives industrial relations and OH&S specialists other maintenance, professional or technical staff

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

Information/documents may include:

- goods identification numbers and codes
- manifests, picking slips, merchandise transfers, stock requisitions and bar codes
- codes of practice and regulations relevant to the identification, handling and stacking of goods
- operations manuals, job specifications and induction documentation
- manufacturers specifications for equipment
- workplace procedures and policies
- supplier and/or client instructions
- award, enterprise bargaining agreement, other industrial arrangements
- relevant Australian standards and certification requirements
- quality assurance procedures
- emergency procedures

Applicable regulations and legislation may include:

- relevant codes and regulations for the regulation of temperature controlled goods
- relevant state/territory OH&S and environmental protection legislation
- water and road use and licence arrangements
- export/import/quarantine/bond requirements
- workplace relations regulations
- workers compensation regulations

Unit Sector(s)

Not applicable.

Competency Field

A - Handling Cargo/Stock