

Domain	RIGGING	Unit ID: 950
Title:	Apply basic concepts of cargo care	
Level: 2		Credits:7

Purpose

This unit standard specifies the competencies required to apply basic concepts of cargo care. It includes explaining the appropriate packaging for the mode used, monitoring the marking, numbering and labelling of cargo, packing and stowing cargo, explaining the cargo care requirements for specialised cargo. This unit standard is intended for those who work in lifting machine operations environment.

Special Notes

1. Entry information:
Prerequisite:
 - *937 - Apply safety rules and regulations in lifting machine operations or demonstrated equivalent knowledge and skills.*
2. This unit standard assume that learners are competent in communication at level 1 or equivalent and numeracy at level 1 or equivalent.
3. Assessment evidence may be collected from a real workplace, or an appropriate simulated realistic environment in which lifting machine operations are carried out.
4. All inspection, operation and maintenance procedures associated with the use of tools and equipment shall comply with manufacturers' specifications, guidelines and instructions.
5. Regulations and legislation relevant to this unit standard include the following:
 - Labour Act, No. 11, 2007
 - Regulations relating to the Health and Safety of employees at work, 1997 and all subsequent amendment.

Quality Assurance Requirements

This unit standard and others within this subfield may be awarded by institutions which meet the accreditation requirements set by the Namibia Qualifications Authority and the Namibia Training Authority and which comply with the national assessment and moderation requirements. Details of specific accreditation requirements and the national assessment arrangements are available from the Namibia Qualifications Authority and the Namibia Training Authority on www.nta.com.na.

Elements and Performance Criteria

Element 1: Explain the appropriate packaging for the mode used for cargo transportation

Range

Specialised cargo may include but is not limited to refrigerated cargo, live animals and dangerous goods.

Preparation may include but is not limited to fumigation, packing material, separation and pre-shipment examinations.

Performance Criteria

- 1.1 Types of packaging and unitisation used in international freight are identified in relation to freight handling requirements.
- 1.2 Cargo damages are identified which are caused by incorrect packaging and stowage.
- 1.3 The need for preparation of cargo is explained in terms of international requirements.

Element 2: Monitor the marking, numbering and labelling of cargo

Performance Criteria

- 2.1 Marking, numbering and labelling are explained in terms of the international transport requirements.
- 2.2 Marks, numbers and labels are checked for completeness and compliance on receipt of cargo.
- 2.3 Action is taken in respect of non-compliant, discrepant or damaged marks, numbers or labels.

Element 3: Pack and stow cargo

Range

Packing and stowing of cargo may include but is not limited to bulk, break bulk, live animals, unitised, reefer, and dangerous goods cargo.

Packaging may include but is not limited to pallets, bayes, cartons, boxes, crates, stillages, barrels, shrink wrap and strapping.

Performance Criteria

- 3.1 Internationally accepted packaging and stowing procedures are explained with examples.
- 3.2 The concept of cargo compatibility and separation is explained in order to inform decision making.
- 3.3 Cargo is packed and stowed in line with internationally accepted packaging and stowing procedures.
- 3.3 Volumetric and tarre capacities of cargo carrying equipment is explained with examples.
- 3.4 The outer packaging of received cargo is examined for damage and discrepancy.
- 3.5 Appropriate action is taken in respect of damaged or discrepant cargo.
- 3.6 The consequences of not following procedures when packing and stowing cargo is explained with examples.

Element 4: Explain the cargo care requirements for specialised cargo

Range

Specialised cargo may include but is not limited to refrigerated cargo, live animals and dangerous goods.

Performance Criteria

- 4.1 The reason for an international code for the packing, handling, stowing and labelling of dangerous goods is explained in the context of the international movement of goods.
- 4.2 The labelling requirements of dangerous goods are explained in order to check received cargo.
- 4.3 The specific separation requirements of dangerous goods are explained in the context of storage and transport.
- 4.4 The basic requirements for the handling and movement of live animals are explained with examples.
- 4.5 The consequences of failing to maintain the temperature of refrigerated cargo are explained for its safe delivery.

Registration Data

Subfield:	Lifting, Shifting and Secure Loads
Date first registered:	27 September 2012
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Anticipated review:	2015
Body responsible for review:	Namibia Training Authority