

<b>Domain</b>	<b>RIGGING</b>	<b>Unit ID: 949</b>
<b>Title:</b>	<b>Operate defined purpose lift trucks</b>	
<b>Level: 2</b>		<b>Credits:4</b>

### Purpose

This unit standard specifies the competencies required to operate defined purpose lift trucks. It includes inspecting and recording the operational fitness of battery powered lift trucks, identifying and classifying freight/loads, handling load and storing freight, achieving maximum work performance of battery powered lifting equipment and attachments, operating freight equipment and accessing available emergency support systems and services. 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. The applied competence expressed in this standard may be demonstrated across a range of lifting trucks (capacity, functionality) involved in familiar operational functions in any industry context, and in any environmental conditions.
3. The certificate of competence issued must indicate the equipment, its rated capacity and the attachments in terms of which the learner has demonstrated competence.
4. Lift Truck may include but are not limited to F6: Pedestrian-controlled lift truck below rated capacity of 2000kg, F7: Pedestrian-controlled lift truck above rated capacity of 2000kg and F12: Pallet lift truck with battery power propulsion (specify capacity).
5. Attachments and special equipment may include but are not limited to side shift, single pole, carton or paper roll clamp, crane hook, push pull/slip sheet equipment, load rotator, wire guidance system, load extender pantograph, rotating mast (Turret Truck), tilting bucket, tandem forks, container vanning and devanning, container handling, forks and cradle (Safety Cage). The above codes and attachments correspond with the National Code of Practice.
6. Assessment evidence may be collected from a real workplace, or an appropriate simulated realistic environment in which lifting machine operations are carried out.

7. All inspection, operation and maintenance procedures associated with the use of tools and equipment shall comply with manufacturers' specifications, guidelines and instructions.
8. 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](http://www.nta.com.na).

## **Elements and Performance Criteria**

### **Element 1: Inspect and record the operational fitness of battery powered lift trucks**

#### **Performance Criteria**

- 1.1 Appropriate measures (e.g. completion of pre and post operations check-sheet) are identified and used to identify and/or prevent basic faults and defects in the mechanical function of the heavy lift truck.
- 1.2 Operational fitness of battery powered list trucks are inspected in line with truck inspection checklists.
- 1.3 Operational fitness of battery powered lift trucks are recorded in line with safety procedures.

### **Element 2: Identify and classify freight or loads**

Freight or load may include but are not limited to: dangerous goods, perishables, foodstuffs, break-bulk, liquids.

#### **Performance Criteria**

- 2.1 A minimum of five different categories of freight or loads are identified and explained at least two examples. .
- 2.2 Common freight codes, from a handling perspective, are classified together and described with at least two examples.

### **Element 3: Handle load and store freight**

#### **Range**

Different freight types may include but are not limited to: dangerous goods, perishables, foodstuffs, break-bulk, liquids.

#### **Performance Criteria**

- 3.1 Specific handling methods and attachments are identified and their use according to particular commodities or freight described.
- 3.2 The reasons for selecting a particular piece of lifting equipment are explained according to particular type of freight.
- 3.3 The specific selection of storage facilities for different freight types are explained according to organisational storage procedures.

### **Element 4: Achieve maximum work performance of battery powered lifting equipment and attachments**

#### **Performance Criteria**

- 4.1 The operating functions of the particular lift truck relevant for the job environment, and different environmental conditions and freight types are identified and explained with examples.
- 4.2 Work performance of the equipment is evaluated against operating guidelines.
- 4.3 Mechanical appreciation of the lifting equipment and attachments is described with examples.
- 4.4 Lifting equipment is operated in line with manufacturers specifications.

### **Element 5: Operate freight equipment**

#### **Range**

Operating may include but is not limited to the actual checking, operating, shutting down and parking of the lift truck, including load movement indicators and automatic guidance systems.

Dangerous situation could include but are not limited to: weather, lighting conditions, poor visibility.

### **Performance Criteria**

- 5.1 The operating functions of the particular lift truck relevant for the work environment, and different environmental conditions and freight types are explained according to organisational operating functions.
- 5.2 The effect of the environment and equipment constraints are identified according to safe operating procedures and practices.
- 5.3 Corrective actions required to prevent dangerous situations arising are explained and implemented in line with organisational policies and procedures.

### **Element 6: Access available emergency support systems and services**

#### **Performance Criteria**

- 6.1 Ranges of support that may be accessed are identified according to emergency support systems.
- 6.2 The most appropriate course of action is identified in relation to potential hazards in the working environment.
- 6.3 The evacuation process is explained in line with organisational evacuation procedures.
- 6.4 Emergency escape procedures are demonstrated in line with safety standards and procedures.

### **Registration Data**

<b>Subfield:</b>	Lifting, Shifting and Secure Loads
<b>Date first registered:</b>	27 September 2012
<b>Date this version registered:</b>	27 September 2012
<b>Anticipated review:</b>	2015
<b>Body responsible for review:</b>	Namibia Training Authority