SOUTH AFRICAN QUALIFICATIONS AUTHORITY
REGISTERED UNIT STANDARD:

Operate defined purpose lift trucks

SAQA US ID	**UNIT STANDARD TITLE**			
242981	Operate defined purpose lift trucks			
ORIGINATOR				
SGB Transport and Logistics Operations				
QUALITY ASSURING BODY				
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FIELD			**SUBFIELD**	
Field 11 - Services			Transport, Operations and Logistics	
ABET BAND	**UNIT STANDARD TYPE**	**PRE-2009 NQF LEVEL**	**NQF LEVEL**	**CREDITS**
Undefined	Regular	Level 2	NQF Level 02	4
REGISTRATION STATUS		**REGISTRATION START DATE**	**REGISTRATION END DATE**	**SAQA DECISION NUMBER**
Reregistered		2015-07-01	2018-06-30	SAQA 10105/14
LAST DATE FOR ENROLMENT		**LAST DATE FOR ACHIEVEMENT**		
2019-06-30		2022-06-30		

In all of the tables in this document, both the pre-2009 NQF Level and the NQF Level is shown. In the text (purpose statements, qualification rules, etc), any references to NQF Levels are to the pre-2009 levels unless specifically stated otherwise.
This unit standard does not replace any other unit standard and is not replaced by any other unit standard.

PURPOSE OF THE UNIT STANDARD
The person credited with this unit standard is able to operate a basic purpose lift truck. They are able to access emergency support and services in the case of an emergency while operating a lift truck. The person is also able to identify and classify the load, handle and move the freight while operating the lifting equipment in accordance with standards and its performance capabilities. They are also able to monitor the fitness of the lift truck.

The qualifying learner is capable of:

- Inspecting and recording the operational fitness of battery powered lift trucks.
- Identifying and classifying freight/loads.
- Handling, loading and storing freight.

- Achieving maximum work performance of battery powered lifting equipment and attachments.
- Operating freight equipment.
- Accessing available emergency support systems and services.

LEARNING ASSUMED TO BE IN PLACE AND RECOGNITION OF PRIOR LEARNING
It is assumed that learners accessing this unit standard are competent in:
- Communication at NQF Level 1 or equivalent.
- Mathematical Literacy at NQF Level 1 or equivalent.

UNIT STANDARD RANGE
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.

The certificate of competence issued must indicate the equipment, its rated capacity and the attachments in terms of which the learner has demonstrated competence.

Lift Truck shall include:
- F6: Pedestrian-controlled lift truck below rated capacity of 2000kg.
- F7: Pedestrian-controlled lift truck above rated capacity of 2000kg.
- F12: Pallet lift truck with battery power propulsion (specify capacity).

Attachments and special equipment shall include:
- A: Side Shift.
- B: Single pole.
- C: Carton or paper roll clamp.
- D: Crane Hook.
- E: Push Pull/Slip sheet equipment.
- F: Load Rotator.
- G: Wire Guidance system.
- H: Load Extender Pantograph.
- I: Rotating Mast (Turret Truck).
- J: Tilting Bucket.
- K: Tandem Forks.
- L: Container Vanning and Devanning.
- M: Container Handling.
- N: Forks.
- Cradle (Safety Cage).

The above codes and attachments correspond with the SA National Code of Practice.

Specific Outcomes and Assessment Criteria:

SPECIFIC OUTCOME 1
Inspect and record the operational fitness of battery powered lift trucks.
ASSESSMENT CRITERIA

ASSESSMENT CRITERION 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.

ASSESSMENT CRITERION 2
Operational fitness of battery powered list trucks are inspected according to truck inspection checklists.

ASSESSMENT CRITERION 3
Operational fitness of battery powered lift trucks are recorded according to safety procedures.

SPECIFIC OUTCOME 2
Identify and classify freight/loads.
ASSESSMENT CRITERIA

ASSESSMENT CRITERION 1

A minimum of five different categories of freight/loads are identified an explained with examples.

ASSESSMENT CRITERION 2
Common freight codes, from a handling perspective, are classified together and described with examples.

SPECIFIC OUTCOME 3
Handle load and store freight.
ASSESSMENT CRITERIA

ASSESSMENT CRITERION 1
Specific handling methods and attachments are identified and their use according to particular commodities/freight described.

ASSESSMENT CRITERION 2
The reasons for selecting a particular piece of lifting equipment are explained according to particular type of freight.

ASSESSMENT CRITERION 3
The specific selection of storage facilities for different freight types are explained according to organisational storage procedures.
ASSESSMENT CRITERION RANGE
Different freight types include but are not limited to: dangerous goods, perishables, foodstuffs, break-bulk, liquids.

SPECIFIC OUTCOME 4
Achieve maximum work performance of battery powered lifting equipment and attachments.
ASSESSMENT CRITERIA

ASSESSMENT CRITERION 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.

ASSESSMENT CRITERION 2
Work performance of the equipment is evaluated against operating guidelines.

ASSESSMENT CRITERION 3
Mechanical appreciation of the lifting equipment and attachments is described with examples.

ASSESSMENT CRITERION 4
Lifting equipment is operated in accordance with manufacturers guidelines.

SPECIFIC OUTCOME 5
Operate freight equipment.
OUTCOME RANGE
Operating includes the actual checking, operating, shutting down and parking of the lift truck, including load movement indicators and automatic guidance systems.
ASSESSMENT CRITERIA

ASSESSMENT CRITERION 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.

ASSESSMENT CRITERION 2
The effect of the environment and equipment constraints are identified according to safe operating procedures and practices.

ASSESSMENT CRITERION 3
Corrective actions required to prevent dangerous situations arising are explained and implemented according to organisational policies and procedures.
ASSESSMENT CRITERION RANGE
Dangerous situation could include but are not limited to: weather, lighting conditions, poor visibility.

SPECIFIC OUTCOME 6
Access available emergency support systems and services.
ASSESSMENT CRITERIA

ASSESSMENT CRITERION 1
A range of support that may be accessed are identified according to emergency support systems.

ASSESSMENT CRITERION 2
The most appropriate course of action is identified in relation to potential hazards in the working environment.

ASSESSMENT CRITERION 3
The evacuation process is explained according to organisational evacuation procedures.

ASSESSMENT CRITERION 4
Emergency escape procedures (via abseil) are demonstrated in accordance with safety standards and procedures.

UNIT STANDARD ACCREDITATION AND MODERATION OPTIONS

- An individual wishing to be assessed (including through RPL) against this unit standard may apply to an assessment agency, assessor or provider institution accredited by the relevant ETQA.
- Anyone assessing a learner against this unit standard must be registered as an assessor with the relevant ETQA.
- Any institution offering learning that will enable achievement of this unit standard or assessing this unit standard must be accredited as a provider with the relevant ETQA.
- Moderation of assessment will be conducted by the relevant ETQA at its discretion.

UNIT STANDARD ESSENTIAL EMBEDDED KNOWLEDGE
The following embedded knowledge is addressed in an integrated way in the unit standard:

- Occupational Health and Safety Act; Driven Machinery regulations; environment; operating method; packaging, labelling, and personal protective equipment.
- National Road Traffic Act where public roads are used.
- The relevant attachments applicable to handling various categories of freight.
- Basic mechanical appreciation.
- Equipment dimensions/capacity and controls in relation to safety and maximum work performance.
- Product handling and storage principles and specifications.
- Available support systems and emergency care services.
- The different makes (manufacturers) and codes of lift trucks in the market.

UNIT STANDARD DEVELOPMENTAL OUTCOME
N/A

UNIT STANDARD LINKAGES
N/A

Critical Cross-field Outcomes (CCFO):

UNIT STANDARD CCFO IDENTIFYING
Identify and solve problems in the case of damaged packaging/labelling.

UNIT STANDARD CCFO WORKING
Work efficiently with others and in teams by demonstrating initiative in selecting the most appropriate means of communication with work colleagues to facilitate efficient and safe freight handling.

UNIT STANDARD CCFO ORGANISING
Manage and organise oneself by continually evaluating whether maximum work performance of lifting equipment was achieved given the operating conditions, and based on this, gain improved work performance consistently.

UNIT STANDARD CCFO DEMONSTRATING

- Demonstrate initiative in selecting the most appropriate gear and equipment dependent on lift truck codes, freight characteristics and environmental conditions.
- Demonstrate an understanding of the world as a set of related systems by understanding the impact of safe working practices on people safety, the environment and cost effective business operations.

UNIT STANDARD ASSESSOR CRITERIA
N/A

REREGISTRATION HISTORY
As per the SAQA Board decision/s at that time, this unit standard was Reregistered in 2012; 2015.

UNIT STANDARD NOTES
N/A

QUALIFICATIONS UTILISING THIS UNIT STANDARD:

	ID	QUALIFICATION TITLE	PRE-2009 NQF LEVEL	NQF LEVEL	STATUS	END DATE	QUALITY ASSURING BODY
Elective	58955	National Certificate: Chemical Manufacturing	Level 2	NQF Level 02	Reregistered	2018-06-30	CHIETA
Elective	59729	National Certificate: Mechanical Handling (Rigging)	Level 2	NQF Level 02	Reregistered	2018-06-30	As per Learning Programmes recorded against this Qual
Elective	49450	National Certificate: Plastics Manufacturing	Level 2	NQF Level 02	Reregistered	2018-06-30	MERSETA
Elective	61809	National Certificate: Tyre Repair and Maintenance	Level 2	NQF Level 02	Reregistered	2018-06-30	MERSETA
Elective	48794	National Certificate in Quality Checking of Tyres and Tyre Components	Level 3	NQF Level 03	Reregistered	2018-06-30	MERSETA
Elective	71989	National Certificate: Automotive Components: Manufacturing and Assembly	Level 3	NQF Level 03	Reregistered	2018-06-30	MERSETA
Elective	58862	National Certificate: Electro-Mechanical Winding	Level 3	NQF Level 03	Reregistered	2018-06-30	MERSETA
Elective	58720	National Certificate: Engineering Fabrication	Level 3	NQF Level 03	Reregistered	2018-06-30	As per Learning Programmes recorded against this Qual
Elective	64829	National Certificate: Lifting Machine Operations	Level 3	NQF Level 03	Reregistered	2018-06-30	TETA
Elective	59669	National Certificate: Mechanical Engineering: Fitting	Level 3	NQF Level 03	Reregistered	2018-06-30	As per Learning Programmes recorded against this Qual
Elective	23255	National Certificate: Mechanical Engineering: Fitting and Machining	Level 3	NQF Level 03	Reregistered	2018-06-30	MERSETA
Elective	91926	National Certificate: Mechanical Engineering: Machining and Tooling	Level 3	NQF Level 03	Reregistered	2018-06-30	As per Learning Programmes recorded against this Qual
Elective	67609	National Certificate: Mechatronics	Level 3	NQF Level 03	Reregistered	2018-06-30	MERSETA
Elective	79666	National Certificate: Metal and Engineering Manufacturing Processes	Level 3	NQF Level 03	Reregistered	2018-06-30	MERSETA
Elective	64190	National Certificate: Metals Production	Level 3	NQF Level 03	Reregistered	2018-06-30	As per Learning Programmes

							recorded against this Qual
Elective	49449	National Certificate: Plastics Manufacturing	Level 3	NQF Level 03	Reregistered	2018-06-30	MERSETA
Elective	36155	National Certificate: Polymer Composite Fabrication	Level 3	NQF Level 03	Reregistered	2018-06-30	MERSETA
Elective	79407	National Certificate: Polymer Compound Manufacturing	Level 3	NQF Level 03	Reregistered	2018-06-30	MERSETA
Elective	21012	National Certificate: Power and Telecommunication Cable Manufacturing	Level 3	NQF Level 03	Reregistered	2018-06-30	MERSETA
Elective	24217	National Certificate: Thermoplastic Fabrication	Level 3	NQF Level 03	Reregistered	2018-06-30	MERSETA
Elective	48798	National Certificate: Tyre and Tyre Component Manufacturing	Level 3	NQF Level 03	Reregistered	2018-06-30	MERSETA
Elective	48795	National Certificate: Tyre Assembly	Level 3	NQF Level 03	Reregistered	2018-06-30	MERSETA
Elective	57886	National Certificate: Welding Application and Practice	Level 3	NQF Level 03	Reregistered	2018-06-30	As per Learning Programmes recorded against this Qual