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SOUTH AFRICAN QUALIFICATIONS AUTHORITY (SAQA)

In accordance with Regulation 24(c) of the National Standards Bodies Regulations of 28 March 1998, the Standards Generating Body (SGB) for

Transport and Logistics Operations

registered by NSB 11, Services, publishes the following qualification and unit standards for public comment.

This notice contains the titles, fields, sub-fields, NQF levels, credits, and purpose of the qualification and unit standards. The qualification and unit standards can be accessed via the SAQA web-site at www.saga.org.za. Copies may also be obtained from the Directorate of Standards Setting and Development at the SAQA offices, SAQA House, 1067 Arcadia Street, Hatfield.

Comment on the qualifications and unit standards should reach SAQA at the address *below and no later than 16 December 2006*. All correspondence should be marked **Standards Setting – SGB for Transport and Logistics Operations** and addressed to

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SOUTH AFRICAN QUALIFICATIONS AUTHORITY

QUALIFICATION:

National Certificate: Freight Handling

SAQA QUAL ID		QUALIFICATION TITLE	
57831		National Certificate: Freight Handling	
SGB NAME		ORGANISING FIELD ID	
SGB Transport and Logistics Operations		11	
QUAL TYPE		ORGANISING FIELD DESCRIPTION	SUBFIELD
National Certificate		Services	Transport, Operations and Logistics
ABET BAND	MINIMUM CREDITS	NQF LEVEL	QUALIFICATION CLASS
Undefined	128	Level 3	Regular-Unit Stds Based

PURPOSE AND RATIONALE OF THE QUALIFICATION

Purpose:

The safe handling of freight is dependant upon the applicable people complying with the relevant procedures and applying the necessary skills to their handling. This Qualification, therefore, is aimed at providing learners in the Freight sector with:

- > An integrated practical and theoretical grounding in Freight Handling.
- > The ability to work more effectively with others.
- > The skills necessary to maintain and enhance the level of service and quality of service expected by customers.
- > An awareness and understanding of key business principles that lead to transformation, transferability, economic growth and social development in the freight handling industry.

The key areas of specialisation identified within the Freight Handling Industry are as follows:

- > Warehousing and Distribution.
- > Port Operations.
- > Stevedoring.
- > Courier Operations.
- > Bulk Handling.
- > Airfreight.
- > Forwarding and Clearing.

Learners completing this Qualification, in whatever area of specialization selected, will be able to demonstrate the ability to consider a range of options related to their chosen field in order to make decisions and improve performance around, inter alia, freight handling administration, planning; goods handling, storage, transport planning, and basic freight handling equipment maintenance.

Rationale:

People involved in freight handling play a key role in the movement of goods since they represent the physical link that ensures that the freight is efficiently and safely handled. The required knowledge and skills can be used in many other goods handling environments or equally as well in a full warehousing environment. On-the-job experience can progressively lead to positions of more responsibility in the safe handling of goods and freight.

The majority of learners for this Qualification are likely to be either unemployed persons wishing to enter the industry, or persons currently working in the greater freight handling sector that wish to improve their skills and enhance their own career path opportunities.

The Qualification will provide learners with the opportunity to acquire the essential knowledge needed to further their studies in differing specialist areas within the transport sector of the South African economy.

This Qualification reflects workplace-based needs in the wider Freight Handling Industry, both now and for the future. Freight Handling is diverse in its nature, so a fairly wide range of competencies are required by employees. The Qualification aims to provide the foundational and initial skills required for an individual in the industry to handle freight successfully; be an effective team member and undertake those tasks required to contribute to the effective processing of freight.

RECOGNIZE PREVIOUS LEARNING?

Y

LEARNING ASSUMED TO BE IN PLACE

It is assumed that learners accessing this Qualification are competent in:

- > Communication at NQF level 2 or equivalent.
- > Mathematical Literacy at NQF level 2 or equivalent.

Recognition of prior learning (RPL):

Historically within the Freight Handling Industry, most employees have experience, but no formal underpinning knowledge. It is therefore essential to recognise prior learning and the application in the work place. Therefore the assessment processes will recognise experience and theoretical knowledge. Portfolios of evidence will be important contributions to the assessment process.

All Recognition of Prior Learning is subject to quality assurance by the relevant accredited Education, Training, Quality, and Assurance Body.

Access to the Qualification:

This Qualification is open to everyone. However, access to certain unit standards (e.g. Operate defined purpose lift trucks) within the Qualification is limited where legislated and where physical and psychomotor requirements are specified in that particular unit standard. In some cases a license is required prior to commencement of learning or operation.

It is advisable that learners should already have addressed the areas reflected under "Learning Assumed to be in Place" before embarking on learning towards this Qualification.

QUALIFICATION RULES

The Qualification is made up of a combination of learning outcomes from Fundamental, Core and Elective Components, totalling 128 credits.

- > All 36 credits allocated for Fundamental are compulsory.
- > All 59 credits for Core are compulsory.
- > A minimum of 33 credits must be selected by the learner from the 186 credits available in the Electives.

Learners may also select other registered Unit Standards not listed in the Elective Component to obtain the minimum number of credits, provided approval has been obtained from the relevant ETQA.

EXIT LEVEL OUTCOMES

1. Understand the principles of the freight handling business in South Africa.
2. Understand the composition of the supply chain in the transport industry.
3. Understand legislated and company-required health, safety, environmental and security practices.
4. Act responsibly when handling freight.

ASSOCIATED ASSESSMENT CRITERIA

1.
 - > The different modes of transport and transport services offered in South Africa are explained relevant to the area of specialization.
 - > The different types of businesses and their legal implications are explained with examples.
 - > The way in which the principles are applied is described with examples.

2.

- > The aim of the supply chain is explained according to the selected specialist stream.
- > The role and function of the organisation within its supply chain(s) is explained according to international principles.

3.

- > The requirements of the Occupational Health and Safety Act and in-house policies and practices concerning health and safety in the working environment are described and explained according to requirements.
- > The requirements of industry specific environmental legislation policies and practices are explained with examples.
- > The impact of HIV/AIDS and the handling of persons with HIV/AIDS are explained with examples.
- > The effects of poor hygiene and health on the organisation and the country are explained using examples.

4.

- > Procedure for safe packing, handling and securing of freight are applied in accordance with standard operating procedures.
- > Operating practices are complied with in the handling of freight according to legislation and regulations.
- > Freight handling equipment is used and operated in accordance with safe and legislated requirements.

Integrated assessment:

Development of the competencies may be through a combination of informal and formal learning, self-learning, training programmes and work-based application. Providers should conduct diagnostic and formative assessment. Formative, continuous and diagnostic assessments should also take place in the work place. The learner should be able to assess him or herself and determine readiness for a summative assessment against this Qualification.

Learning, teaching and assessment are inextricably linked. Whenever possible, the assessment of knowledge, skills, attitudes and values shown in the unit standards should be integrated.

Assessment of communication, language, literacy and numeracy should be conducted in conjunction with other aspects and should use authentic Freight Handling contexts wherever possible.

A variety of methods must be used in assessment and tools and activities must be appropriate to the context in which the learner is working. Where it is not possible to assess the learner in the workplace or on-the-job, simulations, case studies, role-plays and other similar techniques should be used to provide a context appropriate to the assessment. The term 'Integrated Assessment' implies that theoretical and practical components should be assessed together.

Assessment should ensure that all Specific Outcomes, Embedded Knowledge and Critical Cross-Field Outcomes are evaluated. The assessment of the Critical Cross-Field Outcomes should be integrated with the assessment of Specific Outcomes and Embedded Knowledge.

INTERNATIONAL COMPARABILITY

The Freight Handling industry is an area that is conducted on a global basis and therefore has globally recognised legislation, best practices, standards and training. The countries used in this comparison have the legislation, best practice and standards incorporated within their programmes and qualifications. This Freight Handling Qualification used these as a comparison to ensure that it meets both the international and local best practice requirements. The countries most recognised as leaders in freight handling are the United States of America, the United Kingdom and New Zealand.

Below are listed the Qualifications, Courses and Standards which were used in the comparability. Because the carriage of specific goods are regulated international agreements and technological advances, most areas were found to be of a similar nature, with some differences because of domestic regulations and conditions.

New Zealand Unit Standards:

Level 2 Unit Standards:

- > Demonstrate knowledge of transport industry sectors (ID 13230, 2 Credits)

Level 3 Unit Standards:

- > Operate a powered industrial lift truck (PILT) fitted with attachments on a worksite (ID 10852 - 3 Credits).
- > Operate a powered industrial lift truck fitted with forks (forklift) (ID 10851, 7 Credits).

- > Demonstrate knowledge of the international freight forwarding industry (ID 21803 - 6 Credits).
- > Prepare for freight forwarding of dangerous goods by sea (ID 21809, 3 Credits).
- > Process import documentation that governs the carriage of international goods (ID 21806, 5 Credits).
- > Select, cost, and recommend an international transport service and route for given consignments (ID 21805, 6 Credits).
- > Select a rail transport unit for a given consignment and route (ID 13233, 2 Credits).
- > Select an aircraft type for a given consignment and route (ID 13232, 2 Credits).

Level 4 Unit Standards:

- > Prepare for freight forwarding of dangerous goods by air (ID 21810, 6 Credits).
- > Process export documentation that governs the carriage of international goods by air (ID 21808, 7 Credits).
- > Process export documentation that governs the carriage of international goods by sea (ID 21807, 5 Credits).
- > Cost distribution centre activities in a logistics operation (ID 19017, 4 Credits).
- > Demonstrate knowledge of inventory management in a logistics operation (ID 19018, 12 Credits).
- > Determine mode of transport for a given consignment (ID 19033, 4 Credits).

Research showed a few similar unit standards do exist. However, it was difficult to benchmark with the New Zealand approach, which did not examine the different areas of specialization under one umbrella Qualification, but under separate distinctive Qualifications for different areas of specialisation.

The Irish International Freight Association

Programme Content covers topics such as:

- > General knowledge of the Industry.
- > Sea Transport.
- > Road Transport.
- > Air Transport.
- > Customs Procedures.
- > Warehousing/Logistics.
- > Transport Insurance.
- > Manual Handling Training (City and Guilds).

The Irish International Freight Association (IIFA) Traineeship in Freight Forwarding programme that culminates in a: National Skills Certificate (NSC) and an internationally recognised International Federation of Freight Forwarders Association (FIATA) and International Air Transport Association (IATA) certification. Once again similarities were found as well minor differences that relate to local regulations and requirements.

Other training programmes that were referred to are found in England and America. These programmes include:

England

Civil Aviation Authority:

- > Training for Shippers.
- > Training for Freight Forwarders.
- > Training for Handling Agents.

America

Transport Training International:

- > Freight Broker Training School.
- > Introduction to the Freight Broker Industry.
- > Owner Operator Academy.
- > Freight Broker Authority.
- > Motor Carrier Authority.
- > Hazardous Material Permits.

In both cases above the training courses showed very similar content with the exception of the USA which covered the transportation of motor vehicles in much more detail. It also had the subject of Freight Handling

Brokers, which are not covered at all in the South African Qualification.

Based on the above exercises it was very evident that many elements in all those areas covered by the comparability study showed the South African Qualification compared well with its international counterparts. As already stated the major differences come from local legislative issues and in the United States of America the training of Freight Handling Brokers.

ARTICULATION OPTIONS

This Qualification provides the learner with the flexibility to pursue different careers within the transport industry and other sectors. The level of flexibility within the range of electives allows the individual to pursue studies across the greater transport industry.

Horizontal articulation possible with:

- > National Certificate: Professional Driving, NQF Level 3, NLRD 50285
- > National Certificate: Rail Operation, NQF Level 3, NLRD 23893
- > National Certificate: Road Transport, NQF Level 3, NLRD 48437
- > National Certificate: Freight Forwarding, NQF Level 3, NLRD 22442
- > National Certificate: Customs Clearing, NQF Level 3, NLRD 22440

Vertical progression is possible with:

- > FET Certificate: Road Transport Management in the Public Sector, NQF Level 4, NLRD 49489
- > FET Certificate: Road Transport Supervision, NQF Level 4, NLRD 48439
- > FET Certificate: Shipping, NQF Level 4, NLRD 49155
- > National Certificate: Rail Operations, NQF Level 4, NLRD 14498
- > National certificate: Customs Clearing, NQF Level 4, NLRD 44221
- > National Certificate: Freight Forwarding, NQF Level 4, NLRD 22443

MODERATION OPTIONS

> Anyone assessing a learner or moderating the assessment of a learner against this Qualification must register as an assessor with the relevant Education and Training Quality Assurance (ETQA) Body.

> Any institution offering learning that will enable the achievement of this Qualification must be accredited as a provider with the relevant ETQA.

> Assessment and moderation of assessment will be overseen by the relevant ETQA according to the ETQAs policies and guidelines for assessment and moderation; in terms of agreements reached around assessment and moderation between ETQAs (including professional bodies); and in terms of the moderation guideline detailed immediately below.

> Moderation must include both internal and external moderation of assessments at exit points of the Qualification, unless ETQA policies specify otherwise. Moderation should encompass achievement of the competence described in the Qualification.

CRITERIA FOR THE REGISTRATION OF ASSESSORS

N/A

NOTES

This qualification replaces qualification 14574, "National Certificate: Freight Handling", level 3, 120 credits.

- > An individual selecting any Elective Unit Standard dealing with the operation of machinery and/or equipment must ensure that an appropriate licence is obtained prior to the completion of the Unit Standard.
- > It is required that Learners who access this Qualification build into their learning a theoretical understanding of lifting equipment to give them a greater appreciation of the greater industry and an understanding of the industry as a set of related systems.

UNIT STANDARDS

(Note: A blank space after this line means that the qualification is not based on Unit Standards.)

	UNIT STANDARD ID AND TITLE	LEVEL	CREDITS	STATUS
Core	7996 Operating computers systems	Level 3	8	Reregistered

Core				
Core				
Core	8021 Taking basic care of freight handling machinery	Level 3	2	Reregistered
Core	13915 Demonstrate knowledge and understanding of HIV/AIDS in a workplace, and its effects on a business sub-sector, own organisation and a specific workplace	Level 3	4	Reregistered
Core	242875 Describe basic freight logistic principles	Level 3		Draft - Prep for P
Core	7997 Managing selfdevelopment	Level 4	12	Reregistered
core	8035 Processing and controlling documentation	Level 4	4	Reregistered
core	110009 Manage administration records	Level 4	4	Registered
Elective	113843 Obtain and communicate road transport operational information	Level 3	10	Registered
Elective	242975 Use gangway communication signals to direct ship cargo lifting appliances	Level 3		Comment
Elective	242979 Work with temperature controlled stock	Level 3	4	Draft - Prep for P Comment
Fundamental	9012 Investigate life and work related problems using data and probabilities	Level 3	5	Reregistered
Fundamental	9013 Describe, apply, analyse and calculate shape and motion in 2-and 3-dimensional space in different contexts	Level 3	4	Reregistered
Fundamental	119465 Write/present/sign texts for a range of communicative contexts	Level 3	5	Registered
Fundamental	119467 Use language and communication in occupational learning programmes	Level 3	5	Registered
Fundamental	119472 Accommodate audience and context needs in oral signed communication	Level 3	5	Registered



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UNIT STANDARD:

1

Describe basic freight logistic principles

SAQA US ID	UNIT STANDARD TITLE		
242875	Describe basic freight logistic principles		
SGB NAME	ORGANISING FIELD ID	PROVIDER NAME	
SGB Transport and Logistics (Operations)	11		
UNIT STANDARD TYPE	ORGANISING FIELD DESCRIPTION	SUBFIELD DESCRIPTION	
Regular-	Services	Transport, Operations and Logistics	
ABET BAND	CREDITS	NQF LEVEL	UNIT STANDARD TYPE
Undefined		Level 3	Regular

SPECIFIC OUTCOME 1

Identify and explain the functions of different internal departments.

SPECIFIC OUTCOME 2

Describe the principles of supply and demand.

SPECIFIC OUTCOME 3

Demonstrate an understanding of the impact of logistics business impact.

SPECIFIC OUTCOME 4

Demonstrate an understanding of the distribution channel.



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UNIT STANDARD:

2

Operate advanced defined purpose lift trucks

SAQA US ID	UNIT STANDARD TITLE		
242972	Operate advanced defined purpose lift trucks		
SGB NAME	ORGANISING FIELD ID	PROVIDER NAME	
SGB Transport and Logistics Operations	11		
UNIT STANDARD TYPE	ORGANISING FIELD DESCRIPTION	SUBFIELD DESCRIPTION	
Regular	Services	Transport, Operations and Logistics	
ABET BAND	CREDITS	NQF LEVEL	UNIT STANDARD TYPE
Undefined	7	Level 3	Regular

SPECIFIC OUTCOME 1

Access available emergency support systems and services in case of incidents and accidents.

SPECIFIC OUTCOME 2

Identify and classify freight/loads.

SPECIFIC OUTCOME 3

Handle, load and store freight.

SPECIFIC OUTCOME 4

Achieve maximum work performance of battery powered lifting equipment and attachments.

SPECIFIC OUTCOME 5

Operate equipment.



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UNIT STANDARD:

3

Understand, interpret and apply ship stowage plan

SAQA US ID	UNIT STANDARD TITLE		
242973	Understand, interpret and apply ship stowage plan		
SGB NAME	ORGANISING FIELD ID	PROVIDER NAME	
SGB Transport and Logistics Operations	11		
UNIT STANDARD TYPE	ORGANISING FIELD DESCRIPTION	SUBFIELD DESCRIPTION	
Regular	Services	Transport, Operations and Logistics	
ABET BAND	CREDITS	NQF LEVEL	UNIT STANDARD TYPE
Undefined	12	Level 4	Regular

SPECIFIC OUTCOME 1

Understand and explain knowledge of cargo types and their specific stowage and lashing requirements.

SPECIFIC OUTCOME 2

Recognise and Interpret abbreviations, colour codes and layout/format used in stowage plans.

SPECIFIC OUTCOME 3

Demonstrate knowledge of, interpret and apply stowage plan information.

SPECIFIC OUTCOME 4

Demonstrate and apply knowledge and understanding of basic dynamic and static stresses due to movement in a seaway with respect to lashing arrangements and cargo location.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

4

SAQA US ID	UNIT STANDARD TITLE		
242974	Operate counter-balanced lift truck		
SGB NAME	ORGANISING FIELD ID	PROVIDER NAME	
SGB Transport and Logistics Operations	11		
UNIT STANDARD TYPE	ORGANISING FIELD DESCRIPTION	SUBFIELD DESCRIPTION	
Regular	Services	Transport, Operations and Logistics	
ABET BAND	CREDITS	NQF LEVEL	UNIT STANDARD TYPE
Undefined	7	Level 3	Regular

Apply the recognised methods for inspecting and recording the operational fitness of all components of the lift truck with reference to safety procedure in the workplace.

SPECIFIC OUTCOME 2

Identify and classify freight loads taking into account documentation, packaging and labelling associated with the specific freight.

SPECIFIC OUTCOME 3

Handle, load and store freight in accordance with industry standards, environmental requirements, and with due consideration to inter alia the commodities and their properties, storage area and placement of load.

SPECIFIC OUTCOME 4

Achieve maximum work performance of lifting equipment and attachments, by applying knowledge of equipment dimensions, controls, principles of operation and capacities, manufacturing specifications and circumstances in the working environment.

SPECIFIC OUTCOME 5

Operate equipment in accordance with laid down organisational and legislative standards and procedures as well as manufacturer's guidelines.

SPECIFIC OUTCOME 6

Access available emergency support systems and services in case of incidents and accidents.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

5

SAQA US ID	UNIT STANDARD TITLE		
242975	Use gangway communication signals to direct ship cargo lifting appliances		
SGB NAME	ORGANISING FIELD ID	PROVIDER NAME	
SGB Transport and Logistics Operations	11		
UNIT STANDARD TYPE	ORGANISING FIELD DESCRIPTION	SUBFIELD DESCRIPTION	
Regular	Services	Transport, Operations and Logistics	
ABET BAND	CREDITS	NQF LEVEL	UNIT STANDARD TYPE
		3	

SPECIFIC OUTCOME 1

Recognise, interpret and demonstrate approved gangway signals as per SA Ports Cargo Handling Code of Practice.

SPECIFIC OUTCOME 2

Select position and use correct signaling equipment and apply signals according to operational requirements.

SPECIFIC OUTCOME 3

Conduct continuous assessment of lifting gear and safe slinging practices as per industry best practice.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

6

Operate overhead/gantry cranes

SAQA US ID	UNIT STANDARD TITLE		
242976	Operate overhead/gantry cranes		
SGB NAME	ORGANISING FIELD ID	(PROVIDERNAME)	
SGB Transport and Logistics Operations	11		
UNIT STANDARD TYPE	ORGANISING FIELD DESCRIPTION	SUBFIELD DESCRIPTION	
Regular	Services	Transport, Operations and Logistics	
ABET BAND	CREDITS	NQF LEVEL	UNIT STANDARD TYPE
Undefined	5	Level 2	Regular

SPECIFIC OUTCOME 1

Demonstrate knowledge of the functions of a crane.

SPECIFIC OUTCOME 2

Identify the safety and suitability of the crane type prior to utilisation.

SPECIFIC OUTCOME 3

Inspect and record the operational fitness of the components of a crane.

SPECIFIC OUTCOME 4

Operate an overhead crane in a safe and competent manner.

SPECIFIC OUTCOME 5

Access available support systems and emergency services in case of incidents and accidents.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

7

SAQA US ID	UNIT STANDARD TITLE		
242977	Operate ship cargo lifting appliances		
SGB Transport and Logistics Operations	11		
UNIT STANDARD TYPE	ORGANISING FIELD DESCRIPTION	SUBFIELD DESCRIPTION	
Regular	Services	Transport, Operations and Logistics	
ABET BAND	CREDITS	NQF LEVEL	UNIT STANDARD TYPE
Undefined	10	Level 3	Regular

SPECIFIC OUTCOME 1

Identify and explain different rig configurations, winch layouts and utilisation.

SPECIFIC OUTCOME 2

Establish safety of lifting appliances in the work environment.

SPECIFIC OUTCOME 3

Ensure lifting appliance is operated within SWL (safe working load) according to rig use.

SPECIFIC OUTCOME 4

Recognise, interpret and adhere to gangway communication signals.

SPECIFIC OUTCOME 5

Operate ship-lifting appliances singly or with other operators on any given rig, in a safe and competent manner.

SPECIFIC OUTCOME 6

Identify and report requirements to alter rig settings as operational conditions change.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

8

SAQA US ID	UNIT STANDARD TITLE		
242978	Operate truck-mounted cranes		
SGB NAME	ORGANISING FIELD ID	PROVIDER NAME	
SGB Transport and Logistics Operations	11		
UNIT STANDARD TYPE	ORGANISING FIELD DESCRIPTION	SUBFIELD DESCRIPTION	
Regular	Services	Transport, Operations and Logistics	
ABET BAND	CREDITS	NQF LEVEL	UNIT STANDARD TYPE
Undefined	8	Level 3	Regular

SPECIFIC OUTCOME 1

Demonstrate knowledge of the functions of a truck mounted crane.

SPECIFIC OUTCOME 2

Identify the safety and suitability of the crane.

SPECIFIC OUTCOME 3

Inspect and record the operational fitness of the components of the truck and crane.

SPECIFIC OUTCOME 4

Operate a Truck Mounted crane.

SPECIFIC OUTCOME 5

Access available support systems and emergency services in case of incidents and accidents.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

9

SAQA US ID	UNIT STANDARD TITLE		
242979	Work with temperature controlled stock		
SGB NAME	ORGANISING FIELD ID	PROVIDER NAME	
SGB Transport and Logistics Operations	11		
UNIT STANDARD TYPE	ORGANISING FIELD DESCRIPTION	SUBFIELD DESCRIPTION	
Regular	Services	Transport, Operations and Logistics	
ABET BAND	CREDITS	NQF LEVEL	UNIT STANDARD TYPE
Undefined	4	Level 3	Regular

SPECIFIC OUTCOME 1

Identify goods/freight that require special temperature control and storage procedures.

SPECIFIC OUTCOME 2

Monitor temperature with reference to freight integrity.

SPECIFIC OUTCOME 3

Identify and rectify problems with maintaining the correct temperature in a competent manner.

SPECIFIC OUTCOME 4

Identify and implement the correct hygiene and safety measure.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

10

Understand basic ship design, classification in relation to cargo handling

SAQA US ID	UNIT STANDARD TITLE		
242980	Understand basic ship design, classification in relation to cargo handling		
SGB NAME		ORGANISING FIELD ID	PROVIDER NAME
SGB Transport and Logistics Operations		11	
UNIT STANDARD TYPE		ORGANISING FIELD DESCRIPTION	SUBFIELD DESCRIPTION
Regular		Services	Transport, Operations and Logistics
ABET BAND	CREDITS	NQF LEVEL	UNIT STANDARD TYPE
Undefined	12	Level 4	Regular

SPECIFIC OUTCOME 1

Identify and explain knowledge of vessel types and layout, their specific uses and limitations.

SPECIFIC OUTCOME 2

Identify and explain ship's lifting appliances in relation to vessel type and load.

SPECIFIC OUTCOME 3

Understand and explain knowledge of basic ship stability, ship stresses, structural strengths, depreciation and the impact thereof on stowing cargo.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

11

Operate defined purpose lift trucks

SAQA US ID	UNIT STANDARD TITLE		
242981	Operate defined purpose lift trucks		
SGB NAME		ORGANISING FIELD ID	PROVIDER NAME
SGB Transport and Logistics Operations		11	
UNIT STANDARD TYPE	ORGANISING FIELD DESCRIPTION	SUBFIELD DESCRIPTION	
Regular	Services	Transport, Operations and Logistics	
ABET BAND	CREDITS	NQF LEVEL	UNIT STANDARD TYPE
Undefined	4	Level 2	Regular

SPECIFIC OUTCOME 1

Inspect and record the operational fitness of battery powered lift trucks.

SPECIFIC OUTCOME 2

Identify and classify freight/loads.

SPECIFIC OUTCOME 3

Handle load and store freight.

SPECIFIC OUTCOME 4

Achieve maximum work performance of battery powered lifting equipment and attachments.

SPECIFIC OUTCOME 5

Operate freight equipment.

SPECIFIC OUTCOME 6

Access available emergency support systems and services.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

12

SAQA US ID	UNIT STANDARD TITLE		
242982	Operate heavy crane		
SGB Transport and Logistics Operations			
		11	
UNIT STANDARD TYPE	ORGANISING FIELD DESCRIPTION	SUBFIELD DESCRIPTION	
Regular	Services	Transport, Operations and Logistics	
ABET BAND	CREDITS	NQF LEVEL	UNIT STANDARD TYPE
Undefined	14	Level 3	Regular

SPECIFIC OUTCOME 1

Identify the safety and suitability of crane type prior to utilisation thereof, giving consideration to freight characteristics, equipment manufacturers' requirements and environmental conditions.

SPECIFIC OUTCOME 2

Apply the recognised methods for inspecting and recording the operational fitness of all components of the crane with reference to safety procedures in the workplace.

SPECIFIC OUTCOME 3

Operate the heavy crane in a safe and competent manner.

SPECIFIC OUTCOME 4

Access available support systems and emergency services in case of incidents and accidents.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

13

SAQA US ID	UNIT STANDARD TITLE		
242983	Arrange the distribution of small to medium sized consignments door-to-door		
SGB NAME		ORGANISING FIELD ID	PROVIDER NAME
SGB Transport and Logistics Operations		11	
UNIT STANDARD TYPE		ORGANISING FIELD DESCRIPTION	SUBFIELD DESCRIPTION
Regular		Services	Transport, Operations and Logistics
ABET BAND	CREDITS	NQF LEVEL	UNIT STANDARD TYPE
Undefined	6	Level 3	Regular

SPECIFIC OUTCOME 1

Establish appropriate routing for a consignment.

SPECIFIC OUTCOME 2

Select and complete correct documentation for consignments.

SPECIFIC OUTCOME 3

Bag and label consolidation of consignment.

SPECIFIC OUTCOME 4

Lodge courier material with third party carriers and agents



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UNIT STANDARD:

14

SAQA US ID	UNIT STANDARD TITLE		
242984	Implement administrative and financial procedures for handling freight		
SGB NAME	ORGANISING FIELD ID	(PROVIDERNAME)	
SGB Transport and Logistics Operations'	11		
UNIT STANDARD TYPE	ORGANISING FIELD DESCRIPTION	SUBFIELD DESCRIPTION	
Regular	Services	Transport, Operations and Logistics	
ABET BAND	CREDITS	NQF LEVEL	UNIT STANDARD TYPE
Undefined	10	Level 3	Regular

SPECIFIC OUTCOME 1

Apply information contained in tariff guides.

SPECIFIC OUTCOME 2

Generate the relevant documentation for payment received.

SPECIFIC OUTCOME 3

Explain and justify discrepancies in actual payments versus expected payments.

SPECIFIC OUTCOME 4

Generate and implement business solutions, adhering to limitations of authority levels.

SPECIFIC OUTCOME 5

Provide quality customer service to ensure maximum repeat business.