



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 Organising Field 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 full 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, Pretoria.

Comment on the qualification and unit standards should reach SAQA at the address below and **no** later **17 May 2007**. All correspondence should be marked Standards Setting – Transport and Logistics Operations addressed to

The Director: Standards Setting and Development
SAQA
Attention: Mr. D. Mphuthing
Postnet Suite 248
Private Bag X06
Waterkloof
0145
or faxed to 012 –431-5144
e-mail: dmphuthing@saqa.org.za

DR. S. BHIKHA
DIRECTOR: STANDARDS SETTING AND DEVELOPMENT



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

QUALIFICATION:**National Diploma: Freight Handling Logistics**

SAQA QUAL ID	QUALIFICATION TITLE		
58473	National Diploma: Freight Handling Logistics		
SGB	PROVIDER		
SGB Transport and Logistics Operations			
ETQA			
QUALIFICATION TYPE	FIELD	SUBFIELD	
National Diploma	11 - Services	Transport, Operations and Logistics	
ABET BAND	MINIMUM CREDITS	NQF LEVEL	QUAL CLASS
Undefined	242	Level 5	Regular-Unit Stds Based

PURPOSE AND RATIONALE OF THE QUALIFICATION**Purpose:**

The purpose of this qualification is to ensure the implementation of freight handling and logistics operations to meet and exceed customer needs in compliance with legislative requirements and international codes and practices.

A learner obtaining this qualification will be able to:

- Ensure the availability of resources and competitive infrastructure within the freight handling logistics environment.
- Handle, store, control and review resources.
- Comply with legislative requirements and international codes and practices for freight handling logistics.
- Analyse and apply the concepts of supply chain within the freight logistics environment.

The skills, knowledge, values and understanding in this qualification are essential for national competitiveness and will have a positive impact on social and economic transformation and upliftment of the democratic South African society.

Rationale:

Freight Handling Logistics is the movement and supply of goods. It involves the movement of goods and materials through the manufacturing process to the delivery of finished products and their disposal. It also deals with the routing of freight using all transport modes and related activities such as warehousing.

This qualification seeks to establish fundamental knowledge and skills in Freight Handling Logistics and to provide the necessary competencies for people who are new to the field as well as to other people who may be experienced in freight logistics. Learners completing this qualification will be able to work as managers within the Freight Handling Logistics environment,

This qualification will provide learners with access to employment opportunities within the Freight Handling Logistics environment. Learners will be able to take responsibility for the planning, handling, storage and transportation of goods nationally as well as internationally. The benefit for organisations and the community lies in the optimisation of their freight logistical processes. Government is also committed to improving the public service by supporting the transformation of the freight logistics environment.

RECOGNIZE PREVIOUS LEARNING?**Y****LEARNING ASSUMED TO BE IN PLACE**

It is assumed that the learner entering this qualification will be competent in:

- Mathematical Literacy at NQF Level 4
- Communication at NQF Level 4.
- Computer Literacy at NQF Level 4.

Recognition of Prior Learning:

This qualification may be achieved in part or completely through the recognition of prior learning, which includes formal, informal and non-formal learning and work experience. The learner should be thoroughly briefed on the mechanism to be used and support and guidance should be provided. Care should be taken that the mechanism used provides the learner with an opportunity to demonstrate competence and is not so onerous as to prevent learners from taking up the RPL option towards gaining a qualification.

Access to the qualification:

Access to this Qualification is open to all learners with at least an NQF Level 4 Qualification or equivalent.

QUALIFICATION RULES

- All unit standards in the Fundamental Component (13 credits) are compulsory
- All unit standards in the Core Component (199 credits) are compulsory.
- Learners must choose unit standards totalling at least 30 credits from the Elective Component.
- Total credit value of the Qualification is 242.

EXIT LEVEL OUTCOMES

1. Ensure the availability of resources and competitive infrastructure within the freight handling logistics environment.
2. Handle, store, control and review resources within the freight handling logistics environment.
3. Comply with legislative requirements and international codes and practices.
 - o Health and safety, International Maritime Organisation (IMO), International Air Transport Association (IATA), Road Traffic Act, South African National Standards (SANS), Rail Regulations, International Civil Aviation Organisation (ICOA).
4. Analyse and apply the concepts of supply chain within the freight logistics environment.

ASSOCIATED ASSESSMENT CRITERIA

1.
 - Written and verbal communication conducted within the business environment in a manner appropriate to the situation.
 - Fundamental business concepts relating to the Freight Handling Logistics environment are applied.
 - Information technology tools are used to ensure the effective and efficient handling, storage and transportation of goods within the Freight Handling Logistics environment.
 - Strategies and action plans are developed and implemented to ensure that goals and objectives, as set out in the strategic and logistical plans, are met.
 - Resources required in maximizing efficiencies in services and freight movement are determined and allocated to achieve targets in a freight environment.
 - Strategies to establish and maintain relationships are applied at all times.

2.

- Freight location procedures are planned, implemented and evaluated to ensure freight integrity in a freight logistics environment.
- The proper care of freight is managed using handling, movement, securing and safeguarding techniques within the freight handling logistics environment.

3.

- A range of contract documentation, Codes of Practice and professional Ethic practices are applied as they relate to Freight Handling Logistics.
- Statutory health and safety requirements within freight storage transit areas are applied within the freight handling logistics environment.
- Quality management system principles are applied within the freight handling logistics environment.

4.

- A logistics plan, which governs the economic and efficient movement and handling of freight is generated, communicated and implemented to satisfy customer and industry requirements.
- The fundamental concepts relating to procurement, distribution, supply chain administration (operation) and logistics are applied as they relate to Freight Handling Logistics.
- International trade principles are applied to formulate solutions to problems, where such solutions are reliant on informed judgement, which affect the safe and efficient movement of freight within the international arena.

Integrated Assessment:

The applied competence (practical, foundational and reflexive competencies) of this qualification will be achieved if a candidate is able to apply the fundamental concepts, practices and principles within the Freight Handling Logistics environment.

The effective use of technology, communication skills, literacy, decision-making and numeracy as well as self-management and life skills must be assessed. Furthermore the world as a set of related systems must be assessed during any combination of practical, foundational and reflexive competencies assessment methods and tools to determine the integration of applied knowledge and skills.

A detailed portfolio of evidence is required to prove the applied competencies of the learner.

Assessors and moderators should develop and conduct their own integrated assessment by making use of a range of formative and summative assessment methods.

Assessors should assess and give credit for the evidence of learning that has already been acquired through formal, informal and non-formal learning and work experience.

INTERNATIONAL COMPARABILITY

Qualifications from the following countries were sourced for a comparison with the National Diploma in Freight Handling Logistics Level 5 as these countries are leaders in the field of Freight Handling Logistics (best practices):

- United Kingdom.
- United States of America.
- Australia.
- New Zealand.

United Kingdom:

The following courses or unit standards for the following qualifications are available from the Qualifications and Curriculum Authority (QCA):

- CIPS Level 5 Advanced Diploma in Purchasing and Supply.
- EDEXEL Level 5 NVQ in Supply Chain Management.
- CIPS Level 5 Graduate Diploma in Purchasing and Supply.
- CIPS Level 6 Graduate Diploma in Purchasing and Supply.
- CIPS Level 6 Graduate Diploma in Purchasing and Supply.

These qualifications cover the following areas:

NVQ: Supply Chain Management Level 5.

EDEXEL Level 5 NVQ in Supply Chain Management:

Course content (compulsory components):

- Develop a supply chain strategy for the organisation.
- Establish strategic relationships within the supply chain.
- Improve the performance of supply chain.

Provide leadership.

Course content (Optional components):

- Commission projects to develop supply chain
- Plan the flow of supplies.
- Plan improvement.
- Plan storage.
- Plan distribution.
- Plan transportation.
- Plan workforce.
- Manage finance in own area of responsibility.

Build your organisational understanding of markets and clients.

CIPS Level 5 Graduate Diploma in Purchasing and Supply:

- The purchasing environment.
- Managing human resources in purchasing and supply.
- Business analysis in purchasing and supply.

Legal and procurement processes:

- Introduction to supply and materials management.

Business organisation and processes in purchasing and supply.

CIPS Level 6 Graduate Diploma in Purchasing and Supply:

Compulsory units:

- Leading and influencing in purchasing.
- Strategic supply chain management.

Supply chain management in practice

Options:

- Legal aspects in purchasing and supply
- Advanced project management,

Finance for purchasers.

CIPS Level 6 Graduate Diploma in Purchasing and Supply:

Compulsory units:

- Leading and influencing in purchasing.
- Strategic supply chain management.

Supply chain management in practice.

Options:

- Storage and distribution in supply chain.
- Commercial relationships.
- Research project in purchasing and supply,
- Operations management.
- Marketing.
- Project management and control.
- Management for purchasing and supply.
- Retail merchandise management.

There are similarities with the Diploma in Freight Handling Logistics in the courses listed below although the focus is inclined to Export related issues.

Introductory course - This course deals with the following:

- Starter Course for Export.
- An introduction to Exporting.
- An Introduction to Importing.
- Understanding Letters of Credit.
- An Introduction to Agents and Distributors.

International logistics and documentation - This course deals with the following:

- Advanced Export Practice.
- International Trade and Customs Planning
- UN Dangerous Goods Awareness.

International sales, marketing and marketing research - This course deals with the following:

- International Market Research.
- An introduction to Export Marketing.
- National Export Sales Training.
- Exporting and the Internet.
- Cultural Issues For Exporters.
- Marketing Services in International Trade

International trade finance - This course deals with the following:

- Performance Bonds & Guarantees.
- Advanced Letters of Credit.
- Money Laundering and Currency Risk Management.

International trade management - This course deals with the following:

- The Complete Export Manager.
- Effective Export Business Planning.
- Managing International Distribution Channels

- Export Controls.
- Incoterms & Payment Terms Workshop

The following modules are in the Masters in Business Administration at Lancaster University:

- To develop an understanding of key drivers of supply chain performance and their inter-relationships with strategy and other functions of the company such as marketing, manufacturing and accounting.
- To impart analytical and problem solving skills necessary to develop solutions for a variety of supply chain management and design problems and develop an understanding for the use of information technology in supply chain optimization.
- To understand the ability to incorporate B2B and B2C electronic commerce in supply chain design and optimization.
- To understand the complexity of inter-firm and intra-firm coordination in implementing programmes such as e-collaboration, quick response, jointly managed inventories and strategic alliances.
- To develop the ability to design logistics systems and to formulate integrated supply chain strategy, so that all components are not only internally synchronized but also tuned to fit corporate strategy, competitive realities and market needs.

United States of America:

There are numerous short courses in the United States of America. The courses are intended for newcomers in the Freight Handling Logistics environment, supply chain environment as well as experienced professionals who would like to expand their knowledge, and executives from other corporate areas who would have been placed in positions where they manage freight logistics activities.

A course comparable to Freight Handling Logistics is the Fundamentals of Supply Chain Management: Council of Supply Chain Management Professionals (former Council of Logistics Management).

The following forms part of the course content:

- Fundamental of transportation.
- Outsourcing.
- Customer Services.
- Warehousing.
- Inventory management.
- Manufacturing integration.
- Information Systems.
- Facility location.
- Materials Handling.
- Reverse logistics.
- Project justification and management,

New Zealand:

The following qualifications are registered with the New Zealand Qualifications Authority:

- National Certificate in Freight Forwarding (Freight Administration).
- National Certificate in Freight Forwarding (International Freight Forwarding).
- Certificate in freight operations (level 4, 122 credits).

- MIT Diploma in shipping and freight (Level 5, 120 credits).
- MIT Graduate Certificate in freight and logistics (level 6, 60 credits)

No content is available for these qualifications to complete the comparison

The following unit standards were found in the New Zealand Qualifications Authority:

- Demonstrate knowledge of methods of payment for an international trade (level 3, 6 credits).
- Demonstrate knowledge of the international freight forwarding industry (level 3, 6 credits).
- Demonstrate knowledge of authorities and legislation relating to international freight forwarding (level 3, 4 credits).
- Select, cost and recommend an international transport service and route for given consignments (level 3 6 credits).
- Process import documentation that governs the carriage of international goods (level 3, 5 credits).
- Prepare for freight forwarding of dangerous goods by sea (level 3, 3 credits).
- Demonstrate knowledge of international commerce terms (INCOTERMS) for international sale (level 4, 4 credits).
- Pursue a transport insurance claim (level 4, 5 credits).
- Process export documentation that governs the carriage of international goods by sea (level 4, 5 credits).
- Process export documentation that governs the carriage of international goods by air (Level 4, 7 credits).
- Prepare for freight forwarding of dangerous goods by air (level 4, 6 credits).
- Optimise cargo output in terms of condition (level 5, 5 credits).

ARTICULATION OPTIONS

This qualification has horizontal articulation possibilities with the following qualifications:

- National Diploma: Supply Chain Technology Level 5.
- National Certificate: Purchasing and Stores Management Level 5
- National Certificate: Purchasing Management Level 5.
- National Certificate: Logistics Management Level 5.
- National Diploma: Logistics Management Level 5.
- ID 22444: National Diploma: Freight Forwarding Level 5.

This qualification has vertical articulation possibilities with the following qualifications:

- National Diploma: Purchasing Management Level 6.
- Bachelor of Logistics Level 6.

MODERATION OPTIONS

- This Qualification will be assessed by an assessor and moderated by a moderator registered with the relevant accredited ETQA.
- Training providers must be accredited by a relevant ETQA

CRITERIA FOR THE REGISTRATION OF ASSESSORS

- Assessors should be in registered with the relevant ETQA.
- Assessors should be in possession of a relevant qualification in Freight Handling Operations or a related field that is at least one level higher than the level of this Qualification.

NOTES

This qualification replaces qualification 14590, "National Diploma: Freight Handling Logistics", Level 5, 240 credits.

UNIT STANDARDS

Core	11286	Institute disciplinary action	Level 5	8
Core	119857	for and implement Best Practice within the team, department or division Plan and implement Quality Management Systems in corporate and project context	Level 5	8
Core	244027	Develop a logistics plan	Level 5	16
Core	8019	Schedule transport	Level 4	18
Core	244025	Apply fundamental concepts and principles of supply chain management	Level 5	20
Core	15219	Develop and implement a strategy and action plans for a team, department or division	Level 5	4
Core	15225	Identify and interpret related legislation and its impact on the team, department or division and ensure compliance	Level 5	4
Core	242668	Demonstrate knowledge and application of the Occupational Health and Safety Act, 85 of 1993 (OHSA) (as amended) and the responsibilities of management in terms of the Act	Level 4	4
Core	15233	Harness diversity and build on strengths of a diverse working environment	Level 5	3
Core	115395	Apply and explain the generic business process and value chain model	Level 5	12
Core	114050	Explain the principles of business and the role of information technology	Level 5	4
Core	15238	Devise and apply strategies to establish and maintain relationships	Level 5	3
Core	15236	Apply financial analysis	Level 5	4
Core	15231	Create and use a range of resources to effectively manage teams, sections, departments or divisions	Level 5	4
Core	15226	Implement systems to meet the flow of information in a team, department or division	Level 5	3
Core	15220	Set, monitor and measure the achievement of goals and objectives for a team, department or division within an organisation	Level 5	4
Core	244026	Plan, select and implement resources in a freight handling environment	Level 5	12
Core	123190	Design and implement a risk management control system	Level 5	6
Core	118023	Demonstrate an understanding of the international trade environment	Level 6	12
Core	244032	Manage freight care	Level 5	16
Core	244030	Manage freight location and control	Level 5	20
Elective	244031	Manage dangerous goods logistics	Level 5	12
Elective	11218	Establish, Register, and Operate Rebate Stores	Level 4	5
Elective	10148	Supervise a project team of a business project to deliver project objectives	Level 5	14
Elective	117638	Understand the basics of Ships Design and Cargo operations	Level 4	10
Elective	242816	Conduct a structured meeting	Level 4	5
Elective	244028	Manage temperature controlled stock	Level 5	8
Elective	117650	Know and understand the basics of maritime liner trades	Level 5	12
Elective	117632	Work with container control administration.	Level 4	10
Elective	11215	Establish, Register, and Operate Customs and Excise storage warehouses	Level 4	4
Elective	11265	Assess insurance risks and formulate risk management policies and procedures for international trading companies	Level 5	11
Elective	15224	Empower team members through recognising strengths, encouraging participation in decision making and delegating tasks	Level 5	4
Elective	114878	Identify and measure the factors that influence productivity	Level 4	10
Elective	15235	Prepare and conduct staff selection interviews	Level 5	3
Fundamental	10622	Conduct communication within a business environment	Level 5	8
Fundamental	12891	Apply concepts and principles of business ethics in the	Level 6	5

ID	UNIT STANDARD TITLE	LEVEL	CREDITS
	professional environment		



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UNIT STANDARD:*Plan, select and implement resources in a freight handling environment*

SAQA US ID		UNIT STANDARD TITLE	
244026		Plan, select and implement resources in a freight handling environment	
SGB		PROVIDER	
SGB Transport and Logistics Operations			
FIELD		SUBFIELD	
11 - Services		Transport, Operations and Logistics	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 5	12

SPECIFIC OUTCOME 1

Identify the resources required to meet the freight handling objectives of the organisation.

SPECIFIC OUTCOME 2

Identify and select process performance measurement systems

SPECIFIC OUTCOME 3

Plan the procurement of resources effectively within financial constraints.

SPECIFIC OUTCOME 4

Implement and measure approved resource plan.



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UNIT STANDARD:*Develop a logistics plan*

SAQA US ID	UNIT STANDARD TITLE		
244027	Develop a logistics plan		
SGB	PROVIDER		
SGB Transport and Logistics Operations			
FIELD	SUBFIELD		
11 - Services	Transport, Operations and Logistics		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 5	16

SPECIFIC OUTCOME 1

Develop strategic objectives and performance indicators relating to the logistics plan

SPECIFIC OUTCOME 2

Conduct an environmental analysis and apply legislation, regulations and customer requirements appropriate to freight logistics planning.

SPECIFIC OUTCOME 3

Plan optimal transit systems, resources and routes

SPECIFIC OUTCOME 4

Identify possible obstacles and develop contingency plans.

SPECIFIC OUTCOME 5

Review the logistics plan



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UNIT STANDARD:

Manage temperature controlled stock

SAQA US ID	UNIT STANDARD TITLE		
244028	Manage temperature controlled stock		
SGB	PROVIDER		
SGB Transport and Logistics Operations			
FIELD	SUBFIELD		
11 - Services	Transport Operations and Logistics		
ABET BAND	UNIT STANDARD TYPE	NQFLEVEL	CREDITS
Undefined	Regular	Level 5	8

SPECIFIC OUTCOME 1

Design and implement processes for goods/freight that require special temperature control and storage, taking into consideration the freight characteristics.

SPECIFIC OUTCOME 2

Monitor freight temperature in order to sustain freight integrity

SPECIFIC OUTCOME 3

Maintain correct temperatures both in-storage and in-transit.

SPECIFIC OUTCOME 4

Develop and implement hygiene and safety measures required in a temperature controlled environment.



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UNIT STANDARD:***Manage freight location and control***

SAQA US ID		UNIT STANDARD TITLE	
244030		Manage freight location and control	
SGB		PROVIDER	
SGB Transport and Logistics Operations			
FIELD		SUBFIELD	
11 - Services		Transport, Operations and Logistics	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 5	20

SPECIFIC OUTCOME 1

Categorise freight

SPECIFIC OUTCOME 2

Plan the physical location for the storage of freight

SPECIFIC OUTCOME 3

Plan and select the location of the facility in relation to the distribution network

SPECIFIC OUTCOME 4

Plan the location of resources and equipment



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SAQA US ID		UNIT STANDARD TITLE	
244031		Manage dangerous goods logistics	
SGB		PROVIDER	
SGB Transport and Logistics Operations			
FIELD		SUBFIELD	
11 - Services		Transport, Operations and Logistics	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 5	12

SPECIFIC OUTCOME 1

Develop and/or review company policies and procedures

SPECIFIC OUTCOME 2

Develop a dangerous goods logistics plan

SPECIFIC OUTCOME 3

Manage resources to create and maintain a safe environment

SPECIFIC OUTCOME 4

Manage the dangerous goods communication process within the logistics chain



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UNIT STANDARD:***Manage freight care***

SAQA US ID	UNIT STANDARD TITLE		
244032	Manage freight care		
SGB	PROVIDER		
SGB Transport and Logistics Operations			
FIELD	SUBFIELD		
11 - Services	Transport, Operations and Logistics		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 5	16

SPECIFIC OUTCOME 1

Review and control internal processes and procedures used in the movement and care of freight.

SPECIFIC OUTCOME 2

Facilitate joint co-ordination of role player activities.

SPECIFIC OUTCOME 3

Control the consolidation, separation, labelling and/or marking and securing of freight

SPECIFIC OUTCOME 4

Implement measures to ensure quality of freight

SPECIFIC OUTCOME 5

Ensure the implementation of loss control policy and security of freight.

Postnet Suite 248
 Private Bag X06
 Waterkloof 0145
 SAQA House
 1067 Arcadia Street
 Hatfield 0083
 Tel (+ 27 12) 431-5000
 Fax (+27 12) 431 5039
 e-mail saqainfo@saqa.org.za
 Website www.saqa.org.za
 Helpdesk 066010 3188



11 April 2007

The South African Qualifications Authority in terms of the National Standards Body Regulations (Government Gazette No. 08787) published on 28 March 1998, hereby gives notice of an additional name for the following Standards Generating Body for Organising Field 09 (Health Sciences and Social Services):

- Standards Generating Body for Occupational Health and **Safety**

NOMINEE	WORKPLACE	NOMINATING BODY	EXPERIENCE/ QUALIFICATIONS
Makomeni. T W	Goldfields Limited	Goldfields Traini Division	<ul style="list-style-type: none"> National Diploma: Safety Management Certificate: Primary Teaching 7 years' teaching experience 22 years' experience as Mine Safety Officer and Safety instructor 7 years' experience in safety management


 DR. S. BHIKHA
 DIRECTOR: STANDARDS SETTING AND DEVELOPMENT

SAQA'S MISSION

"To ensure the development and implementation of a National Qualifications Framework which contributes to the full development of each learner and to the social and economic development of the nation at large"