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GOVERNMENT NOTICES

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

No. 543   23 May 2008

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

Procurement, Logistics and Supply Chain Management

registered by Organising Field 03 – Business, Commerce and Management, 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.saqa.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 than 23 June 2008*. All correspondence should be marked **Standards Setting – SGB for Procurement, Logistics and Supply Chain Management** and 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: Supply Chain Management

SAQA QUAL ID	QUALIFICATION TITLE		
62089	National Diploma: Supply Chain Management		
ORIGINATOR		PROVIDER	
SGB Procurement, Logistics and Supply Chain Mngt			
QUALIFICATION TYPE	FIELD	SUBFIELD	
National Diploma	3 - Business, Commerce and Management Studies	Procurement	
ABET BAND	MINIMUM CREDITS	NQF LEVEL	QUAL CLASS
Undefined	240	Level 6	Regular-Unit Stds Based

This qualification does not replace any other qualification and is not replaced by another qualification.

PURPOSE AND RATIONALE OF THE QUALIFICATION
Purpose:

To provide learners with the competencies required to manage the processes and interrelationships across the supply chain so as to create sustainable value for organisations. This qualification is aimed at overcoming the traditional functional approach to management and fostering supply chain integration to the advantage of all stakeholders.

Rationale:

The target groups for this qualification are people working within mid level management positions within the various processes of the supply chain or those who are aspiring for such positions. Learners who have, in the past, held a supervisory position within the various supply chain processes are most likely to find the qualification applicable to them.

The qualification is designed:

> To provide individuals with the competencies required to successfully manage the supply chain.
> To enable organisations to unlock significant sustainable value through the optimisation of their supply chain.
> To entrench minimum standards in supply chain management qualifications and training programmes.
> To facilitate internal co-operation and external collaboration amongst partners in the supply chain.
> To introduce managers and aspirant managers to the philosophy of supply chain management, and relevant supply chain processes and principles, while at the same time enabling them to specialise in procurement, operations and/or distribution.
> To enhance the global competitiveness and sustainability of organisations, industries and South Africa as well as the economy of the Southern African region.
> To more closely align training and education provision in the fields of procurement, operations and distribution with current market needs.

> To support the South African economy to close the gap between global best practices in supply chain management.

The key areas of supply chain management identified within the greater industry have resulted in 3 elective areas as follows:

> Distribution.
> Procurement.
> Operations.

RECOGNIZE PREVIOUS LEARNING?
Y

LEARNING ASSUMED IN PLACE
It is assumed that learners are competent in:

> Mathematics (inclusive of Statistics) at NQF Level 5.
> Communication at NQF Level 4.
> The fundamentals of business management.
> Computer Literacy and the ability to use data bases and spreadsheets at NQF Level 4.

Recognition Prior Learning:

Learners may receive recognition for prior learning subsequent to assessment by a qualified assessor against unit standards in the qualification. The qualification may be obtain in whole or in part subject to the rules governing the award of qualifications by the institution offering the qualification and/or the relevant ETQA.

Access to the Qualification:

The qualification is open to any learner in possession of a National Senior Certificate, Further Education and Training Certificate or equivalent NQF Level 4 qualification provided they are competent in the Communication and Mathematical competencies listed under Learning Assumed to be in Place.

The contents of some of the unit standards are such that learners will be required to demonstrate competence through the practical application of a variety of techniques in a real or simulated work environment.

QUALIFICATION RULES
> All the unit standards in the Fundamental Component are compulsory (31 credits).

> All the unit standards in the Core Component are compulsory (171 credits).

> Learners are to choose an elective specialization and complete all the unit standards listed for that specialization and then choose additional unit standards from the other two specializations to total a minimum of 38 credits for the Elective Component. The elective specializations are:

Distribution (29 credits):

> Do distribution network design, 12 credits.
> Prepare products for transportation, 3 credits.
> Manage the return of goods, 2 credits.
> Manage warehousing, 9 credits.
> Process Customer Orders, 3 credits.

Operations (27 credits):

> Develop Strategies to optimise operational supply and flow, 18 credits.
> Schedule production activities, 9 credits.

Procurement (36 credits):

> Work with commodity teams to facilitate strategic sourcing, 14 credits.
> Manage in and out sourcing, 6 credits.
> Execute international purchases, 4 credits.
> Ensure compliance with corporate governance and social responsibility principles, 12 credits.

Learners must complete unit standards totaling a minimum of 240 credits to be awarded the qualification.

It is beneficial for the learner to spend as much time in a working environment, where possible, prior to selecting the focus area, in order to provide him/her with the opportunity to make an educated decision in this regard. The learner must give cognizance to his/her career plan and industry preference in this selection.

EXIT LEVEL OUTCOMES
1. Demonstrate understanding of the supply chain as an integrated and aligned set of systems where all the processes and components work in synergy to create sustainable value.

2. Develop and implement an agreed, working and integrated supply chain strategy through working as part of multi disciplinary teams.

3. Formulate and implement an effective performance management system for the supply chain ensuring the effective use of information technology, applying sound judgment and supply chain methodologies.

4. Ensure the availability of appropriate resources and competitive infrastructure to deliver the supply chain strategy through the effective evaluation of information, use of technology and applying sound judgment and supply chain methodologies.

5. Ensure on-going improvement and optimisation of the supply chain and its processes through cross functional team work, application of management principles and organization of self and the supply chain.

ASSOCIATED ASSESSMENT CRITERIA
Associated Assessment Criteria for Exit Level Outcome 1:

1.1 The philosophy behind Supply Chain Management as an integrated business management tool and sophisticated, integrated set of procedures and processes is understood and explained in terms of its benefits to a business entity or government department.
1.2 The interrelationship between Procurement, Operations, Distribution and Logistics as part of Supply Chain management is explained with an indication of the benefits to an organization in which they are managed in an integrated manner.
1.3 The key steps and potential challenges in creating an effective supply chain are explained with an indication of how strategic partnerships can enhance the chain.

Associated Assessment Criteria for Exit Level Outcome 2:

2.1 A site location decision is made using a range of tools and methods.

2.2 A layout design for a supply chain facility is planned taking into account the impact of the layout on materials handling as well as the effect that processes and products have on layout design.

2.3 An effective and competitive logistics system is developed that is in line with the organisational strategy and that fits into the site location, facility layout parameters and resource requirements planning.

2.4 An integrated supply chain strategy is developed for an organization to maximize the benefits, and minimize the challenges and problems associated with a cross-functional approach.

2.5 Sustainable value is created through analysing current cost and pricing strategies and recommending improved strategies that will make meaningful contributions towards the achievement of organisational strategic imperatives.

Associated Assessment Criteria for Exit Level Outcome 3:

3.1 The relevance of performance management of the different sections of the supply chain is explained in terms of the effectiveness of the supply chain.

3.2 The various performance management philosophies and techniques of performance management are understood and a selection is made of the most appropriate techniques to suit a specific situation and/or organization.

3.3 The results obtained from carrying out performance assessments are used to recommend changes to the roles of individuals and stakeholders and to the operation of the different processes and procedures.

3.4 Integrated supply chain management information systems are developed to ensure optimal operation of the chain.

Associated Assessment Criteria for Exit Level Outcome 4:

4.1 A range of forecasting techniques is used to forecast the demand for products and services and in turn to optimise operational and distribution plans and activities.

4.2 International purchasing processes, formalities, documentation and the fundamentals of counter trade transactions are used to secure appropriate resources.

4.3 Relationships with supply chain stakeholders are established in a professional and ethical manner that will benefit the effectiveness of the total supply chain.

4.3 Customer orders are executed to the satisfaction of the customer and to enhance the image of the organization.

4.4 Strategies are developed using marketing, product and service design and quantitative techniques to optimize supply chain operations.

Associated Assessment Criteria for Exit Level Outcome 5:

5.1 Management functions and activities are understood and applied to the Supply chain to optimalise the supply chain and its processes.

5.2 The latest trends in leadership are understood and applied to the functions, activities and principles within the supply chain.

5.3 A Team work approach is used to optimalise supply chain processes.

Integrated Assessment:

Integrated assessment methods and tools will allow the learner to demonstrate that she/he has acquired knowledge of and can effectively apply competence in management and the application of supply chain planning, concepts and techniques in the fields of Procurement, Operations and Distribution.

Assessment tools could include the following:

> Written (e.g. tests/case studies/projects).
> In-situ (on-the-job) observations.
> Simulation.
> Presentations and structured classroom discussions.
> Portfolio of evidence.

The portfolio of evidence should be:

Valid, reliable and authentic evidence from past achievements and experience which serves to supplement the assessment of applied competence.

The portfolio should include inter alia:

> Written statements from persons (e.g. current and/or previous employer, colleague, peer, manager, external customers) confirming competence of the learner.
> Relevant certificates or awards.
> Previous assessment records.
> Journals/logbook.

These methods must be carefully selected based on the purpose of the assessment (for example, the written method of assessing knowledge, or on-job demonstration of practical competence). The assessment must integrate a number of different methods in order to give the assessor reliable and valid proof of competence and evidence of required attitudes.

Learners must be assessed against these performance criteria using a variety of assessment tools.

INTERNATIONAL COMPARABILITY
The Supply Chain Management sector around the world is aligned to three professional bodies whose training programmes have international recognition. Most Supply Chain managers complete one or other of their programmes:

> The Institute of Supply Management (ISM).
> International Purchasing and Supply Chain Management (IPSCM).
> The Association of Operations Management (APICS).

The Institute of Supply Management (ISM) offers the Certified Professional in Supply Chain Management Program (CPSM) which includes the following learning areas:

> Workplace complexities.
> Globalization.
> Use of technology.
> Purchasing.
> Strategic sourcing.
> Contract management.
> Understanding the Supply Chain.

This is a post graduate certificate but the National Diploma: Supply Chain Management, NQF Level 6 has fairly similar content except for contract management. The use of technology is not handled separately in the South African qualification but is integrated in other unit standards which would appear to better suit the integrated approach of the qualification and the assessment of learners.

The ISM offers other programmes but they are geared to developing specific competencies in sections of the supply chain e.g. purchasing. Comparison in their case would not be applicable with the South African qualification.

The International Purchasing and Supply Chain Management Organisation (IPSCM) has four qualifications which build on each other and which subsume all the learner contained in the lower preceding qualification. The International Advanced Certificate is the qualification equivalent to this South African qualification. It consists of the following learning modules:

> Specifying Requirements and Planning.
> Appraising Suppliers.
> Obtaining and selecting offers.
> Negotiation.
> Preparing contracts.
> Managing the Supply Contract.
> Understanding the Corporate Environment.
> Analysing Supply Markets.
> Developing Supply Strategies.
> Managing International logistics.
> Managing Inventory.
> Measuring and Evaluating Performance.

There is considerable similarity between the IPSCM Advanced certificate and the South African National Diploma: Supply Chain Management, NQF Level 6, with contract management not included in the latter.

The Association of Operations Management (APICS) Certified Supply Chain Professional Programme (CSCP) qualification is applicable to the learners identified for the National Diploma: Supply Chain Management, NQF Level 6. The CSCP is also applicable to supply chain management in profit and not-for-profit organizations and allows for integration of all aspects of the supply chain as is the intention of the National Diploma: Supply Chain Management, NQF Level 6. The CSCP programme includes the following learning:

> Design and develop a supply chain strategy.
> How to manage supplier and customer relationships.
> How logistics, technology and data can enhance performance.
> The integration of all processes in the chain.
> International trade.

There is a strong alignment between the CSCP and the National Diploma: Supply Chain Management, NQF Level 6. Both do not include Contract and contract management which fits in with the responsibilities assigned to the identified learners of the National Diploma: Supply Chain Management, NQF Level 6.

The Indian Institute of Materials Management offers a programme based on the World Trade organization programme for Supply Chain Management which consists of 12 modules taken over an 18 month period. The modules are similar to those of the International Purchasing and Supply Chain Management Organisation (IPSCM) and on completion learners are awarded one of the latter's qualifications.

Conclusion:

The best practice training programmes as offered by the world's main Supply Chain management professional bodies as well as the programme of the World Trade Organization compare favourably with the National Diploma: Supply Chain Management, NQF Level 6. There are two notable differences:

> Contract management is not handled in the South African qualification nor in the Association of Operations Management (APICS) programme. In the South African context this is justifiable

as contract management does not generally fall under the scope of responsibility of the learners identified for the qualification.

> The international qualifications are all post graduate programmes requiring learners to be in possession of a bachelors degree before admission. The National Diploma: Supply Chain Management, NQF Level 6 may be accessed by undergraduates in possession of an NQF Level 4 qualification with the learning in some of the associated unit standards requiring learning at NQF Level 5. It also assumes that learners will have had experience in the workplace as knowledge of business and management is assumed. This feature is to allow greater access to the qualification by South African learners in line with the current worker profile in supply chain and to accommodate learners who might already be competent in the required competencies through having worked in a supply chain environment for many years without any recognized qualification.

Despite the differences, it is felt that this qualification is justified and of an acceptable standard.

ARTICULATION OPTIONS
The qualification offers vertical and horizontal articulation possibilities.

Horizontal articulation is possible with the following qualification:

> Bachelor of Commerce, NQF Level 6.

Vertical articulation is possible with the following qualification:

> ID 15341: Bachelor of Commerce Honours: Supply Chain Management, NQF Level 7.

MODERATION OPTIONS
> Anyone assessing a learner, or moderating the assessment of a learner, against this. Qualification must be registered as an assessor or moderator with the relevant Education and Training Quality Assurance body (ETQA), or with an ETQA that has a Memorandum of Understanding (MOU) with the relevant ETQA.

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

> Assessment and moderation of assessment will be overseen by the relevant ETQA according to the policies and guidelines for assessment and moderation of that ETQA, in terms of agreements reached around assessment and moderation between various 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 all exit points of the Qualification, unless ETQA policies specify otherwise. Moderation should also encompass achievement of the competence described both in individual Unit Standards as well as the integrated competence described in the Exit Level Outcomes of the Qualification.

> Anyone wishing to be assessed against this Qualification may apply to be assessed by any assessment agency, assessor or provider institution that is accredited by the relevant ETQA, or with an ETQA that has an MOU with the relevant ETQA.

CRITERIA FOR THE REGISTRATION OF ASSESSORS
For an applicant to register as an assessor or moderator of this Qualification the applicant needs:

> To be registered as an assessor with the relevant ETQA.

> To be in possession of a relevant Qualification at NQF Level 7 or above.
> To have had 2 years practical and relevant occupational experience.

NOTES
N/A

UNIT STANDARDS

	ID	UNIT STANDARD TITLE	LEVEL	CREDITS
Fundamental	256437	Apply management practices within the supply chain	Level 6	10
Fundamental	256425	Understand the fundamental principles of the economy	Level 6	11
Fundamental	256434	Understand the principles of cost and management accounting	Level 6	10
Core	117763	Prepare, verify and distribute reports	Level 5	16
Core	256427	Analyse logistics systems and implement appropriate strategic plans	Level 6	7
Core	256421	Conduct demand forecasting and planning	Level 6	8
Core	256432	Create sustainable value through appropriate cost and pricing strategies	Level 6	15
Core	256424	Develop Strategies to optimise operational supply and flow	Level 6	18
Core	256422	Develop and implement optimal inventory strategies	Level 6	10
Core	256433	Develop and implement supply chain performance management systems	Level 6	12
Core	256417	Develop supply and capacity plans to meet demand	Level 6	4
Core	256398	Establish a competitive supply chain infrastructure	Level 6	12
Core	256400	Identify and manage risk within the supply chain	Level 6	10
Core	256420	Implement processes for optimal product and service design	Level 6	6
Core	256431	Manage integrated supply chain information systems	Level 6	8
Core	256435	Manage relationships between supply chain partners	Level 6	12
Core	256426	Processing customer orders	Level 6	3
Core	256395	Understand the fundamentals of international trade	Level 6	6
Core	256436	Understand the philosophy of Supply Chain Management	Level 6	10
Core	256416	Work with commodity teams to facilitate strategic sourcing	Level 6	14
Elective	256401	Apply research methodologies	Level 6	13
Elective	256429	Conduct feasibility studies for new, and analyse the effectiveness of existing products/services	Level 6	14
Elective	256418	Do distribution network design	Level 6	12
Elective	256399	Ensure compliance with corporate governance principles and social responsibility	Level 6	12
Elective	256428	Execute international purchases	Level 6	4
Elective	256419	Manage in and out sourcing	Level 6	4
Elective	256396	Manage the return of goods	Level 6	2
Elective	256415	Manage warehousing	Level 6	9
Elective	256397	Preparing products for transportation	Level 6	3
Elective	256423	Schedule production activities	Level 6	9
Elective	256430	Understanding the principles of marketing	Level 6	5
Elective	256402	Use quantitative techniques	Level 6	6

LEARNING PROGRAMMES RECORDED AGAINST THIS QUALIFICATION
None

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Understand the fundamentals of international trade

SAQA US ID	UNIT STANDARD TITLE			
256395	Understand the fundamentals of international trade			
ORIGINATOR		PROVIDER		
SGB Procurement, Logistics and Supply Chain Mngt				
FIELD		SUBFIELD		
3 - Business, Commerce and Management Studies		Procurement		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL		CREDITS
Undefined	Regular	Level 6		6

This unit standard does not replace any other unit standard and is not replaced by another unit standard.

SPECIFIC OUTCOME 1
Explain International trade is, why it is important and what the current trends are in the international trade markets identifying the challenges facing SA within the global marketplace.

SPECIFIC OUTCOME 2
Explain why international trade is needed using both the traditional and modern trade theories and giving practical examples of why international trade is needed now and in the future.

SPECIFIC OUTCOME 3
Explain the role of trade policy in facilitating or inhibiting international trade indicating how the current SA trade policy is impacting on current and future international trade and how this in turn could impact on our economic growth.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Core	62089	National Diploma: Supply Chain Management	Level 6

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Manage the return of goods

SAQA US ID	UNIT STANDARD TITLE			
256396	Manage the return of goods			
ORIGINATOR		PROVIDER		
SGB Procurement, Logistics and Supply Chain Mngt				
FIELD		SUBFIELD		
3 - Business, Commerce and Management Studies		Procurement		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL		CREDITS
Undefined	Regular	Level 6		2

This unit standard does not replace any other unit standard and is not replaced by another unit standard.

SPECIFIC OUTCOME 1
Demonstrate understanding of the potential reasons for returning goods (defects, incorrect quality, inappropriate delivery, remanufacturing, expiry).

SPECIFIC OUTCOME 2
Demonstrate understanding of what the appropriate actions are for dealing with the various types of returned goods (Rework, repair, scrap, repack etc.).

SPECIFIC OUTCOME 3
Demonstrate understanding of the relevant impact of returned goods on the ordering process and what documentation is required (credit notes).

SPECIFIC OUTCOME 4
Demonstrate understanding of the potential role of specialised organisations in the reverse logistics process.

SPECIFIC OUTCOME 5
Demonstrate understanding of the claims procedures with third party service providers.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Elective	62089	National Diploma: Supply Chain Management	Level 6

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Preparing products for transportation

SAQA US ID	UNIT STANDARD TITLE		
256397	Preparing products for transportation		
ORIGINATOR		PROVIDER	
SGB Procurement, Logistics and Supply Chain Mngt			
FIELD		SUBFIELD	
3 - Business, Commerce and Management Studies		Procurement	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 6	3

This unit standard does not replace any other unit standard and is not replaced by another unit standard.

SPECIFIC OUTCOME 1
Demonstrate understanding of the nature of the various products and how this impacts on the packing, marking and preserving of products.

SPECIFIC OUTCOME 2
Demonstrate understanding of how various conditions will impact on the different products.

SPECIFIC OUTCOME 3
Demonstrate understanding of how various transport units must be prepared and loaded to ensure safe transportation.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Elective	62089	National Diploma: Supply Chain Management	Level 6

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Establish a competitive supply chain infrastructure

SAQA US ID	UNIT STANDARD TITLE		
256398	Establish a competitive supply chain infrastructure		
ORIGINATOR		PROVIDER	
SGB Procurement, Logistics and Supply Chain Mngt			
FIELD		SUBFIELD	
3 - Business, Commerce and Management Studies		Procurement	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 6	12

This unit standard does not replace any other unit standard and is not replaced by another unit standard.

SPECIFIC OUTCOME 1
Utilise a variety of tools and methods to facilitate the site location decision.

SPECIFIC OUTCOME 2
Use a variety of tools and methods to facilitate the design of the facility layout.

SPECIFIC OUTCOME 3
Design an effective and competitive logistics system that is in line with the organisational strategy and that fits into the site location, facility layout parameters and resource requirements planning.

SPECIFIC OUTCOME 4
Initiate and participate in the establishment of effective and practical supply chain organisational structures doing required job design.

SPECIFIC OUTCOME 5
Define the information requirements for effective supply chain management.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Core	62089	National Diploma: Supply Chain Management	Level 6

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Ensure compliance with corporate governance principles and social responsibility

SAQA US ID	UNIT STANDARD TITLE		
256399	Ensure compliance with corporate governance principles and social responsibility		
ORIGINATOR		**PROVIDER**	
SGB Procurement, Logistics and Supply Chain Mngt			
FIELD		**SUBFIELD**	
3 - Business, Commerce and Management Studies		Procurement	
ABET BAND	**UNIT STANDARD TYPE**	**NQF LEVEL**	**CREDITS**
Undefined	Regular	Level 6	12

This unit standard does not replace any other unit standard and is not replaced by another unit standard.

SPECIFIC OUTCOME 1
Understand the concept of corporate governance.

SPECIFIC OUTCOME 2
Understand the four areas where procurement can impact on corporate governance and social responsibility (BEE, Green Procurement, Ethics, Safety & Health).

SPECIFIC OUTCOME 3
Understand how procurement can influence the socially responsible practices amongst suppliers (AIDS awareness, BEE etc).

SPECIFIC OUTCOME 4
Understand the potential economic impact of compliance with social responsibility requirements.

SPECIFIC OUTCOME 5
Understand the relevant legislation regarding corporate governance and social responsibility.

SPECIFIC OUTCOME 6
Understand the process, policies and strategies of organizations regarding BEE in procurement.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Elective	62089	National Diploma: Supply Chain Management	Level 6

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Identify and manage risk within the supply chain

SAQA US ID	UNIT STANDARD TITLE		
256400	Identify and manage risk within the supply chain		
ORIGINATOR		PROVIDER	
SGB Procurement, Logistics and Supply Chain Mngt			
FIELD		SUBFIELD	
3 - Business, Commerce and Management Studies		Procurement	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 6	10

This unit standard does not replace any other unit standard and is not replaced by another unit standard.

SPECIFIC OUTCOME 1
Demonstrate understanding of the fundamental principles of "Risk Management" clearly defining the various terms and concepts and linking this to the basic management work done in organisations.

SPECIFIC OUTCOME 2
Describe what the risk management process entails demonstrating practically how risk is identified, evaluated, responded to and controlled.

SPECIFIC OUTCOME 3
Describe and select appropriate risk financing strategies.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Core	62089	National Diploma: Supply Chain Management	Level 6

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Apply research methodologies

SAQA US ID	UNIT STANDARD TITLE		
256401	Apply research methodologies		
ORIGINATOR		PROVIDER	
SGB Procurement, Logistics and Supply Chain Mngt			
FIELD		SUBFIELD	
3 - Business, Commerce and Management Studies		Procurement	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 6	13

This unit standard does not replace any other unit standard and is not replaced by another unit standard.

SPECIFIC OUTCOME 1
Formulate and clarify a research topic, critically review relevant literature deciding on an appropriate research approach and strategy.

SPECIFIC OUTCOME 2
Ensure appropriate access to the research data, selecting appropriate samples, collecting primary data and using secondary data required in terms of a specific research objective, approach and strategy.

SPECIFIC OUTCOME 3
Analyse quantitative and qualitative data collected for a specific research objective.

SPECIFIC OUTCOME 4
Interpret analysed data and develop and present findings, conclusions and recommendations.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Elective	62089	National Diploma: Supply Chain Management	Level 6

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Use quantitative techniques

SAQA US ID	UNIT STANDARD TITLE			
256402	Use quantitative techniques			
ORIGINATOR		PROVIDER		
SGB Procurement, Logistics and Supply Chain Mngt				
FIELD		SUBFIELD		
3 - Business, Commerce and Management Studies		Procurement		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL		CREDITS
Undefined	Regular	Level 6		6

This unit standard does not replace any other unit standard and is not replaced by another unit standard.

SPECIFIC OUTCOME 1
Explain and apply basic mathematical operations and functions, to everyday personal and work related situations, developing graphs and calculating mathematical equations that can be used to facilitate decision making.

SPECIFIC OUTCOME 2
Use the mathematical process of "Integration" to calculate the original (or primitive) function from diverse functions and apply this process to determine basic probabilities in everyday and work related situations.

SPECIFIC OUTCOME 3
Apply basic "matrix Algebra" to identify information that is important in solving complex problems in the workplace.

SPECIFIC OUTCOME 4
Apply three mathematical methods within "linear Programming" to optimise a linear function.

SPECIFIC OUTCOME 5
Use the mathematical process of "differentiation" to determine the derivative of a value in relation to another value and apply this process to everyday personal and work related problems.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Elective	62089	National Diploma: Supply Chain Management	Level 6

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

SAQA

UNIT STANDARD:

Manage warehousing

SAQA US ID	UNIT STANDARD TITLE		
256415	Manage warehousing		
ORIGINATOR		PROVIDER	
SGB Procurement, Logistics and Supply Chain Mngt			
FIELD		SUBFIELD	
3 - Business, Commerce and Management Studies		Procurement	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 6	9

This unit standard does not replace any other unit standard and is not replaced by another unit standard.

SPECIFIC OUTCOME 1
Demonstrate understanding of why warehouses are needed.

SPECIFIC OUTCOME 2
Demonstrate understanding of the different warehouse configurations for different goods/products and network requirements.

SPECIFIC OUTCOME 3
Demonstrate understanding of how various inventory management strategies impact on warehouse design/configuration and what various warehouse management alternatives can be applied and how these will impact on distribution networks.

SPECIFIC OUTCOME 4
Demonstrate understanding of how different picking methods impact on warehousing operations and how workforce design for warehousing is aligned to the various warehousing configurations.

SPECIFIC OUTCOME 5
Demonstrate understanding of how IT systems can be used to optimise warehousing operations.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

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Elective	62089	National Diploma: Supply Chain Management	Level 6

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Work with commodity teams to facilitate strategic sourcing

SAQA US ID	UNIT STANDARD TITLE			
256416	Work with commodity teams to facilitate strategic sourcing			
ORIGINATOR		PROVIDER		
SGB Procurement, Logistics and Supply Chain Mngt				
FIELD		SUBFIELD		
3 - Business, Commerce and Management Studies		Procurement		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL		CREDITS
Undefined	Regular	Level 6		14

This unit standard does not replace any other unit standard and is not replaced by another unit standard.

SPECIFIC OUTCOME 1
Understand the process of strategic sourcing.

SPECIFIC OUTCOME 2
Understand the objectives and working of commodity teams.

SPECIFIC OUTCOME 3
Understand the difference between centralised and decentralised procurement.

SPECIFIC OUTCOME 4
Understand the components and application of TCO (total cost of ownership) principles.

SPECIFIC OUTCOME 5
Understand how to conduct a supply market analysis.

SPECIFIC OUTCOME 6
Understand the process of selecting and evaluating suppliers.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Core	62089	National Diploma: Supply Chain Management	Level 6

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Develop supply and capacity plans to meet demand

SAQA US ID	UNIT STANDARD TITLE		
256417	Develop supply and capacity plans to meet demand		
ORIGINATOR		PROVIDER	
SGB Procurement, Logistics and Supply Chain Mngt			
FIELD		SUBFIELD	
3 - Business, Commerce and Management Studies		Procurement	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 6	4

This unit standard does not replace any other unit standard and is not replaced by another unit standard.

SPECIFIC OUTCOME 1
Explain what demand is giving examples of the sources of demand translating a marketing plan into supply needs indicating the impact of changes in demand on distribution.

SPECIFIC OUTCOME 2
Explain what production capacity is giving examples of how capacity is measured.

SPECIFIC OUTCOME 3
Explain how to forecast capacity demand identify appropriate ways of changing capacity.

SPECIFIC OUTCOME 4
Explain the implications of economies of scale on capacity planning.

SPECIFIC OUTCOME 5
Analyse capacity planning decisions developing a capacity decision tree.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Core	62089	National Diploma: Supply Chain Management	Level 6

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Do distribution network design

SAQA US ID	UNIT STANDARD TITLE			
256418	Do distribution network design			
ORIGINATOR		PROVIDER		
SGB Procurement, Logistics and Supply Chain Mngt				
FIELD		SUBFIELD		
3 - Business, Commerce and Management Studies		Procurement		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL		CREDITS
Undefined	Regular	Level 6		12

This unit standard does not replace any other unit standard and is not replaced by another unit standard.

SPECIFIC OUTCOME 1
Demonstrate understanding of the various distribution relationships that can exist and who the various players are that can be involved in these relationships.

SPECIFIC OUTCOME 2
Demonstrate understanding of the impact of the various demand and supply strategies on the distribution network (centralised vs. decentralized).

SPECIFIC OUTCOME 3
Demonstrate understanding of the financial impact of various distribution alternatives on the success of the organisation.

SPECIFIC OUTCOME 4
Demonstrate understanding of the difference between distribution channels and distribution networks.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Elective	62089	National Diploma: Supply Chain Management	Level 6

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Manage in and out sourcing

SAQA US ID	UNIT STANDARD TITLE		
256419	Manage in and out sourcing		
ORIGINATOR		PROVIDER	
SGB Procurement, Logistics and Supply Chain Mngt			
FIELD		SUBFIELD	
3 - Business, Commerce and Management Studies		Procurement	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 6	4

This unit standard does not replace any other unit standard and is not replaced by another unit standard.

SPECIFIC OUTCOME 1
Understand the need to optimise input cost.

SPECIFIC OUTCOME 2
Understand the difference between in sourcing, outsourcing, subcontracting and make-or-buy decisions.

SPECIFIC OUTCOME 3
Understand which cost factors must be considered to take a make-or-buy (in sourcing/outsourcing) decision.

SPECIFIC OUTCOME 4
Understand the advantages and disadvantages of outsourcing.

SPECIFIC OUTCOME 5
Understand the process and factors influencing the "make or buy" (in/outsourcing) decision.

SPECIFIC OUTCOME 6
Understand the implications of and the arrangements associated with the outsourcing decision.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Elective	62089	National Diploma: Supply Chain Management	Level 6

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Implement processes for optimal product and service design

SAQA US ID	UNIT STANDARD TITLE		
256420	Implement processes for optimal product and service design		
ORIGINATOR		PROVIDER	
SGB Procurement, Logistics and Supply Chain Mngt			
FIELD		SUBFIELD	
3 - Business, Commerce and Management Studies		Procurement	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 6	6

This unit standard does not replace any other unit standard and is not replaced by another unit standard.

SPECIFIC OUTCOME 1
Explain the need for product and service design giving examples of the benefits of product and service design.

SPECIFIC OUTCOME 2
Explain the processes for product design indicating the potential pitfalls of not following the correct processes.

SPECIFIC OUTCOME 3
Explain the processes for service design indicating the potential pitfalls of not following the correct processes.

SPECIFIC OUTCOME 4
Participate in multi functional teams to develop products and services.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Core	62089	National Diploma: Supply Chain Management	Level 6

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Conduct demand forecasting and planning

SAQA US ID	UNIT STANDARD TITLE		
256421	Conduct demand forecasting and planning		
ORIGINATOR		PROVIDER	
SGB Procurement, Logistics and Supply Chain Mngt			
FIELD		SUBFIELD	
3 - Business, Commerce and Management Studies		Procurement	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 6	8

This unit standard does not replace any other unit standard and is not replaced by another unit standard.

SPECIFIC OUTCOME 1
Describe the elements of good forecasts and outline the steps in the forecasting process.

SPECIFIC OUTCOME 2
Describe at least three qualitative forecasting techniques, indicating the advantages and disadvantages of each and comparing and contrasting a range of quantitative and qualitative approaches to forecasting.

SPECIFIC OUTCOME 3
Describe averaging techniques, trends and seasonal techniques and do regression analysis as well as solve typical problems related to the accuracy of forecasts.

SPECIFIC OUTCOME 4
Describe various ways of evaluating and controlling forecasts and use basic factors to select appropriate forecasting techniques.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Core	62089	National Diploma: Supply Chain Management	Level 6

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Develop and implement optimal inventory strategies

SAQA US ID	UNIT STANDARD TITLE		
256422	Develop and implement optimal inventory strategies		
ORIGINATOR		PROVIDER	
SGB Procurement, Logistics and Supply Chain Mngt			
FIELD		SUBFIELD	
3 - Business, Commerce and Management Studies		Procurement	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 6	10

This unit standard does not replace any other unit standard and is not replaced by another unit standard.

SPECIFIC OUTCOME 1
Explain what an inventory is, what the opposing views regarding inventories are and the basic nature of inventories.

SPECIFIC OUTCOME 2
Explain the various inventory systems, why they exist and how they are used giving practical examples.

SPECIFIC OUTCOME 3
Do inventory planning using appropriate inventory models given a different scenarios.

SPECIFIC OUTCOME 4
Apply inventory planning systems and models to cater for dependent demand.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Core	62089	National Diploma: Supply Chain Management	Level 6

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Schedule production activities

SAQA US ID	*UNIT STANDARD TITLE*			
256423	Schedule production activities			
ORIGINATOR		*PROVIDER*		
SGB Procurement, Logistics and Supply Chain Mngt				
FIELD		*SUBFIELD*		
3 - Business, Commerce and Management Studies		Procurement		
ABET BAND	*UNIT STANDARD TYPE*	*NQF LEVEL*		*CREDITS*
Undefined	Regular	Level 6		9

This unit standard does not replace any other unit standard and is not replaced by another unit standard.

SPECIFIC OUTCOME 1
Demonstrate understanding of the concept of finite and infinite scheduling.

SPECIFIC OUTCOME 2
Demonstrate understanding of the concept of backward and forward scheduling.

SPECIFIC OUTCOME 3
Demonstrate understanding of the use and application of priority and sequencing rules.

SPECIFIC OUTCOME 4
Demonstrate understanding of a variety of scheduling techniques and strategies for managing schedules.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Elective	62089	National Diploma: Supply Chain Management	Level 6

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Develop Strategies to optimise operational supply and flow

SAQA US ID	UNIT STANDARD TITLE		
256424	Develop Strategies to optimise operational supply and flow		
ORIGINATOR		PROVIDER	
SGB Procurement, Logistics and Supply Chain Mngt			
FIELD		SUBFIELD	
3 - Business, Commerce and Management Studies		Procurement	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 6	18

This unit standard does not replace any other unit standard and is not replaced by another unit standard.

SPECIFIC OUTCOME 1
Demonstrate understanding of the influence of an organisation's strategy on the performance of the organisation and the supply chain.

SPECIFIC OUTCOME 2
Demonstrate understanding of the various operational process types and the rules governing each of the process types.

SPECIFIC OUTCOME 3
Demonstrate understanding of the implications of pursuing specific performance objectives.

SPECIFIC OUTCOME 4
Demonstrate understanding of the concept and implications of order winners and order qualifier objectives.

SPECIFIC OUTCOME 5
Demonstrate understanding of the various customer profiles and market segmentation concepts.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Core	62089	National Diploma: Supply Chain Management	Level 6

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Understand the fundamental principles of the economy

SAQA US ID	UNIT STANDARD TITLE		
256425	Understand the fundamental principles of the economy		
ORIGINATOR		PROVIDER	
SGB Procurement, Logistics and Supply Chain Mngt			
FIELD		SUBFIELD	
3 - Business, Commerce and Management Studies		Procurement	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 6	11

This unit standard does not replace any other unit standard and is not replaced by another unit standard.

SPECIFIC OUTCOME 1
Explain what the economy and economics is describing the various topics that are covered by economics, the various stakeholders in the economy and what role they play in making the economy work.

SPECIFIC OUTCOME 2
Explain what the main points of departure are of the various economic schools of thought giving examples of the application of these various ideologies stating the positives and negatives of each.

SPECIFIC OUTCOME 3
Understand the issues of development and the challenges facing developing economies indicating how the supply chain philosophy can contribute to effectively dealing with these issues within the framework of different economic schools of thought.

SPECIFIC OUTCOME 4
Use the concepts of demand, supply and equilibrium to identify economic challenges and opportunities indicating how the application of a supply chain philosophy can assist organisations to deal with the challenges and capitalise on the opportunities.

SPECIFIC OUTCOME 5
Understand advantages and disadvantages of two main types of market structures (perfect competition vs monopoly) from the perspective of the various schools of economic thought and within the context the challenges facing global economic development.

SPECIFIC OUTCOME 6
Explain the role of government and other key stakeholders in the economy indicating how government can use various fiscal policies and tools to facilitate the implementation of a Supply Chain Philosophy.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Fundamental	62089	National Diploma: Supply Chain Management	Level 6

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Processing customer orders

SAQA US ID	UNIT STANDARD TITLE		
256426	Processing customer orders		
ORIGINATOR		PROVIDER	
SGB Procurement, Logistics and Supply Chain Mngt			
FIELD		SUBFIELD	
3 - Business, Commerce and Management Studies		Procurement	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 6	3

This unit standard does not replace any other unit standard and is not replaced by another unit standard.

SPECIFIC OUTCOME 1
Demonstrate understanding of the fundamental order process.

SPECIFIC OUTCOME 2
Demonstrate understanding of how the various orders are generated and how they impact on the order process.

SPECIFIC OUTCOME 3
Demonstrate understanding of the impact of sales and service level agreements on the distribution process.

SPECIFIC OUTCOME 4
Demonstrate understanding of the meaning of the INCO terms and the implications of these terms on the distribution process and risk management.

SPECIFIC OUTCOME 5
Demonstrate understanding of the concepts of "available on hand", "available to promise", "back orders", "Capable to promise", "back order rules", "fair share allocation" and how these impact on the distribution process.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Core	62089	National Diploma: Supply Chain Management	Level 6

SAQA

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Analyse logistics systems and implement appropriate strategic plans

SAQA US ID	UNIT STANDARD TITLE		
256427	Analyse logistics systems and implement appropriate strategic plans		
ORIGINATOR		*PROVIDER*	
SGB Procurement, Logistics and Supply Chain Mngt			
FIELD		*SUBFIELD*	
3 - Business, Commerce and Management Studies		Procurement	
ABET BAND	*UNIT STANDARD TYPE*	*NQF LEVEL*	*CREDITS*
Undefined	Regular	Level 6	7

This unit standard does not replace any other unit standard and is not replaced by another unit standard.

SPECIFIC OUTCOME 1
Explain what logistics is, what role it plays within the supply chain and what the interrelationships between logistics and the other elements in the supply chain is.

SPECIFIC OUTCOME 2
Analyse the logistics system within the supply chain indicating areas where improvements can be made.

SPECIFIC OUTCOME 3
Recommend appropriate strategic plans to improve the operation of logistics within the supply chain and enhancing the achievement of the supply chain objectives.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Core	62089	National Diploma: Supply Chain Management	Level 6

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Execute international purchases

SAQA US ID	UNIT STANDARD TITLE		
256428	Execute international purchases		
ORIGINATOR		PROVIDER	
SGB Procurement, Logistics and Supply Chain Mngt			
FIELD		SUBFIELD	
3 - Business, Commerce and Management Studies		Procurement	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 6	4

This unit standard does not replace any other unit standard and is not replaced by another unit standard.

SPECIFIC OUTCOME 1
Understand the international purchasing process, role players, formalities and documentation.

SPECIFIC OUTCOME 2
Understand all implications of international purchasing (incl. legal).

SPECIFIC OUTCOME 3
Understand the different "INCO" terms (FOB, FOR, FAS, CIF, etc).

SPECIFIC OUTCOME 4
Understand the fundamentals of counter trade.

SPECIFIC OUTCOME 5
Understand the impact of forward cover on pricing.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Elective	62089	National Diploma: Supply Chain Management	Level 6

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

SAQA

UNIT STANDARD:

Conduct feasibility studies for new, and analyse the effectiveness of existing products/services

SAQA US ID	UNIT STANDARD TITLE		
256429	Conduct feasibility studies for new, and analyse the effectiveness of existing products/services		
ORIGINATOR		PROVIDER	
SGB Procurement, Logistics and Supply Chain Mngt			
FIELD		SUBFIELD	
3 - Business, Commerce and Management Studies		Procurement	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 6	14

This unit standard does not replace any other unit standard and is not replaced by another unit standard.

SPECIFIC OUTCOME 1
Demonstrate understanding of product life cycles and their impact on the supply chain (Form, fit and function) and the concept and application of QFD (quality functional deployment).

SPECIFIC OUTCOME 2
Demonstrate understanding of the various techniques and tools of product/process design.

SPECIFIC OUTCOME 3
Demonstrate understanding of technique and application of process analysis and flow charting.

SPECIFIC OUTCOME 4
Demonstrate understanding of how the effectiveness of product/process design is measured (cycle time, throughput rate, utilizations, productivity, operation time, throughput time, velocity).

SPECIFIC OUTCOME 5
Demonstrate understanding of the impact of design and processes on SHEQ.

SPECIFIC OUTCOME 6
Demonstrate understanding of the impact of process technologies on product and process design.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Elective	62089	National Diploma: Supply Chain Management	Level 6

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

SAQA

UNIT STANDARD:

Understanding the principles of marketing

SAQA US ID	UNIT STANDARD TITLE			
256430	Understanding the principles of marketing			
ORIGINATOR		PROVIDER		
SGB Procurement, Logistics and Supply Chain Mngt				
FIELD		SUBFIELD		
3 - Business, Commerce and Management Studies		Procurement		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL		CREDITS
Undefined	Regular	Level 6		5

This unit standard does not replace any other unit standard and is not replaced by another unit standard.

SPECIFIC OUTCOME 1
Explain what marketing is and what a good marketing plan consists of focusing on why it is important to understand and interpret the marketing plan before developing strategies and objectives for the various processes within the supply chain.

SPECIFIC OUTCOME 2
Describe the strategic analysis process required before a marketing strategy and plans are developed indicating how this analysis is conducted giving examples of various tools and techniques used.

SPECIFIC OUTCOME 3
Explain the various market strategies that must be developed in reaction to the dynamic environment in which the organisation operates.

SPECIFIC OUTCOME 4
Analyse a marketing plan and indicate how the relevance of the various marketing strategies focus on the objectives of the procurement, operations and distribution processes within organisations.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Elective	62089	National Diploma: Supply Chain Management	Level 6

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Manage integrated supply chain information systems

SAQA US ID	UNIT STANDARD TITLE			
256431	Manage integrated supply chain information systems			
ORIGINATOR		PROVIDER		
SGB Procurement, Logistics and Supply Chain Mngt				
FIELD		SUBFIELD		
3 - Business, Commerce and Management Studies		Procurement		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL		CREDITS
Undefined	Regular	Level 6		8

This unit standard does not replace any other unit standard and is not replaced by another unit standard.

SPECIFIC OUTCOME 1
Explain the need for effectively integrated supply chain information systems giving examples to illustrate the point.

SPECIFIC OUTCOME 2
Describe the fundamental information parameters that will impact on the effectiveness of the supply chain and generate criteria for effective supply chain information systems.

SPECIFIC OUTCOME 3
Facilitate processes to ensure effective decision making regarding supply chain information systems.

SPECIFIC OUTCOME 4
Analyse the effectiveness of supply chain information systems and recommend actions to improve the systems and the integration of the systems.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Core	62089	National Diploma: Supply Chain Management	Level 6

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

SAQA

UNIT STANDARD:

Create sustainable value through appropriate cost and pricing strategies

SAQA US ID	UNIT STANDARD TITLE		
256432	Create sustainable value through appropriate cost and pricing strategies		
ORIGINATOR		PROVIDER	
SGB Procurement, Logistics and Supply Chain Mngt			
FIELD		SUBFIELD	
3 - Business, Commerce and Management Studies		Procurement	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 6	15

This unit standard does not replace any other unit standard and is not replaced by another unit standard.

SPECIFIC OUTCOME 1
Explain the fundamentals of cost.

SPECIFIC OUTCOME 2
Use various mechanisms to manage the price of products and services.

SPECIFIC OUTCOME 3
Use various cost analysis techniques to calculate the real cost of products and services.

SPECIFIC OUTCOME 4
Demonstrate understanding of the concept of total cost of ownership through explaining examples of its use and solving practical problems related to its application.

SPECIFIC OUTCOME 5
Use cost and target based pricing to determine prices in various scenarios and develop a holistic costing and pricing strategy to suit specific conditions.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Core	62089	National Diploma: Supply Chain Management	Level 6

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Develop and implement supply chain performance management systems

SAQA US ID	UNIT STANDARD TITLE		
256433	Develop and implement supply chain performance management systems		
ORIGINATOR		PROVIDER	
SGB Procurement, Logistics and Supply Chain Mngt			
FIELD		SUBFIELD	
3 - Business, Commerce and Management Studies		Procurement	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 6	12

This unit standard does not replace any other unit standard and is not replaced by another unit standard.

SPECIFIC OUTCOME 1
Define performance management indicating the relevance of performance management for the effectiveness of the supply chain.

SPECIFIC OUTCOME 2
Explain the importance of generating the correct performance indicators and develop appropriate indicators that will suit specific supply chain scenarios.

SPECIFIC OUTCOME 3
Explain the importance of effective measurement and develop criteria for effective measurement systems across the supply chain.

SPECIFIC OUTCOME 4
Explain the importance of appropriate reaction to the measured performance results defining appropriate mechanisms to ensure the effective use of performance data throughout the supply chain.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Core	62089	National Diploma: Supply Chain Management	Level 6

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Understand the principles of cost and management accounting

SAQA US ID	UNIT STANDARD TITLE		
256434	Understand the principles of cost and management accounting		
ORIGINATOR		PROVIDER	
SGB Procurement, Logistics and Supply Chain Mngt			
FIELD		SUBFIELD	
3 - Business, Commerce and Management Studies		Procurement	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 6	10

This unit standard does not replace any other unit standard and is not replaced by another unit standard.

SPECIFIC OUTCOME 1
Explain the goals and roles of financial management and accounting within various types of organisations giving basic examples of the application of financial management principles within these organisations.

SPECIFIC OUTCOME 2
Read and interpret a set of basic financial statements, an auditors report and a director's report.

SPECIFIC OUTCOME 3
Analyse a basic set of financial statements indicating potential problem areas and recommending actions to improve/correct these problems.

SPECIFIC OUTCOME 4
Measure/calculate the risk and return on investment using basic financial results and they can indicate areas of concern and recommend improvement actions.

SPECIFIC OUTCOME 5
Calculate the time value of money and use it to identify potential organisational problems.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Fundamental	62089	National Diploma: Supply Chain Management	Level 6

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Manage relationships between supply chain partners

SAQA US ID	UNIT STANDARD TITLE		
256435	Manage relationships between supply chain partners		
ORIGINATOR		PROVIDER	
SGB Procurement, Logistics and Supply Chain Mngt			
FIELD		SUBFIELD	
3 - Business, Commerce and Management Studies		Procurement	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 6	12

This unit standard does not replace any other unit standard and is not replaced by another unit standard.

SPECIFIC OUTCOME 1
Interpret the organisational strategy and identify the issues and focuses to be included in the relationship management strategies.

SPECIFIC OUTCOME 2
Identify the ways in which supply chain partners can strengthen their relationships through the establishing and effective managing of contracts.

SPECIFIC OUTCOME 3
Describe ways in which suppliers can be developed to assist them to become "World Class Suppliers" and to maximise their effective contributions within the supply chain.

SPECIFIC OUTCOME 4
Explain the importance of building and maintaining good customer relationships describing practical processes for ensuring effective customer relationships within the supply chain.

SPECIFIC OUTCOME 5
Demonstrate understanding of the ethical and professional issues relating to supplier and customer relations recommending actions that will enhance relationships within ethical parameters.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Core	62089	National Diploma: Supply Chain Management	Level 6

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Understand the philosophy of Supply Chain Management

SAQA US ID	UNIT STANDARD TITLE			
256436	Understand the philosophy of Supply Chain Management			
ORIGINATOR		PROVIDER		
SGB Procurement, Logistics and Supply Chain Mngt				
FIELD		SUBFIELD		
3 - Business, Commerce and Management Studies		Procurement		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL		CREDITS
Undefined	Regular	Level 6		10

This unit standard does not replace any other unit standard and is not replaced by another unit standard.

SPECIFIC OUTCOME 1
Understand the concept of Supply Chain Management explaining what it is and what the interrelationship of this concept is with Procurement, Operations, Distribution and Logistics.

SPECIFIC OUTCOME 2
Map the Supply Chain within which specific organisations find themselves and indicate the relationships between the various stakeholders and processes and describe the benefits of applying a Supply Chain Management Philosophy.

SPECIFIC OUTCOME 3
Identify areas within a supply chain that require improvements and indicate how the application of a Supply Chain Management Philosophy can deal with some of the specific challenges that are faced by procurement, operations, distribution and logistic

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Core	62089	National Diploma: Supply Chain Management	Level 6

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Apply management practices within the supply chain

SAQA US ID	UNIT STANDARD TITLE		
256437	Apply management practices within the supply chain		
ORIGINATOR		PROVIDER	
SGB Procurement, Logistics and Supply Chain Mngt			
FIELD		SUBFIELD	
3 - Business, Commerce and Management Studies		Procurement	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 6	10

This unit standard does not replace any other unit standard and is not replaced by another unit standard.

SPECIFIC OUTCOME 1
Explain the origins and evolution of management practices, the concept of organisational behaviour, what leadership is and what the roles are that effective leaders have to live out in organisations.

SPECIFIC OUTCOME 2
Use a set of principles and pro forma formats to evaluate the effectiveness of the basic planning activities within a supply chain.

SPECIFIC OUTCOME 3
Use a set of principles and pro forma formats to evaluate the effectiveness of the basic organising activities within a supply chain.

SPECIFIC OUTCOME 4
Use a set of principles and pro forma formats to evaluate the effectiveness of the basic controlling activities within a supply chain.

SPECIFIC OUTCOME 5
Use a given leadership model, applicable to leadership within a supply chain context, to evaluate the effectiveness of personal leadership style and identify actions to improve personal leadership effectiveness.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Fundamental	62089	National Diploma: Supply Chain Management	Level 6

No. 544   **23 May 2008**

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

Audio-visual Media Production

registered by Organising Field 04 – Communication Studies and Language, publishes the following Qualification for public comment.

This notice contains the title, field, sub-field, NQF level, credits, and purpose of the Qualification. The full Qualification can be accessed via the SAQA web-site at **www.saqa.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 should reach SAQA at the address below and *no later than 23 June 2008.* All correspondence should be marked **Standards Setting – SGB for Audio-visual Media Production** and 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 Certificate: Radio Production

SAQA QUAL ID	QUALIFICATION TITLE		
62069	National Certificate: Radio Production		
ORIGINATOR		PROVIDER	
SGB Audio-visual Media Production			
QUALIFICATION TYPE	FIELD	SUBFIELD	
National Certificate	4 - Communication Studies and Language	Media Studies	
ABET BAND	MINIMUM CREDITS	NQF LEVEL	QUAL CLASS
Undefined	159	Level 5	Regular-Unit Stds Based

This qualification replaces:

Qual ID	Qualification Title	NQF Level	Min Credits	Replacement Status
49125	National Certificate: Radio Production	Level 5	145	Will occur as soon as 62069 is registered

PURPOSE AND RATIONALE OF THE QUALIFICATION
Purpose:

The purpose of this Qualification is for learners to be able to produce radio programmes. The National Certificate in Radio Production at NQF Level 5 is generic across commercial, public and community service fields. The community impact of this Qualification includes the presentation of job opportunities to which all-cultural groups have access, through community radio broadcasting. The Qualification is also wide ranging, cutting across a broad spectrum of the economy. The Qualification was designed to accommodate radio programmes relevant to all audiences. The Qualification aims at enabling learners to be employable in all three sectors (public, commercial and community). Production, packaging, journalistic, content development are competencies required across all three tiers of broadcasting and the qualification will allow the competent learners to be employable in all sectors of radio not just community radio. The Qualification will enable the learners to make value judgements; packaging calls for putting elements together in a unique and creative manner, producing calls for a process of research, conceiving ideas and actualising those ideas. This Qualification requires learners not just to make products but also to be able to develop content for radio broadcasts.

Qualifying learners are capable of:

> Operating within relevant legislative frameworks.
> Operating a variety of studio and field recording and production audio equipments.
> Building resource networks relevant to radio productions.
> Producing live and studio broadcasting.
> Generating and pitching ideas for programmes and items for transmission.
> Researching content for radio broadcasts.
> Scriptwriting a programme.
> Operating a variety of studio and field recording and production audio equipment.
> Producing live and studio programmes and items for transmission.
> Editing and mixing programmes and items for transmission.

> Presenting radio programmes/items (generate unit standard).
> Interviewing guests/panels/content providers.

Rationale:

There is currently no recognised Qualification for Radio Production competence, and most of the learning required takes place in service. A Qualification in Radio Production not only allows learners to access the field of radio, but also recognises the competence that current workers in the sector have, thus adding value to their employability and competence, and redressing the lack of access to qualifications. Typical learners have attained an NQF Level 4 Further Education and Training Certificate or equivalent, and are in all probability working in the field of broadcasting or entertainment.

A Qualification for Radio Production is required to ensure responsible delivery of messages through a powerful medium with influence. Furthermore, improved radio products will increase listener numbers, thereby increasing advertising revenue for radio stations, and the economy at large. The throughput of learners is sustainable in that a bigger competence pool will feed into commercial endeavours, causing a ripple effect. The Qualification will create a larger pool of competent people, as the need for the competence is growing.

RECOGNIZE PREVIOUS LEARNING?
Y

LEARNING ASSUMED IN PLACE
The following learning is assumed to be in place before embarking on this Qualification:

> Language and communication competence at NQF Level 4.
> Mathematical literacy at NQF Level 4.
> Computer literacy at NQF Level 1.
> Record sound from a single source (e.g. radio, tape recorder).

Recognition of Prior Learning:

This Qualification can be achieved wholly, or in part, through recognition of prior learning. Evidence can be presented in a variety of forms, including previous international or local qualifications, reports, testimonials, mentoring, functions performed, portfolios, work records and performance records. As such, evidence should be judged according to the general principles of assessment described in the notes to assessors below. Learners who have met the requirements of any Unit Standard that forms part of this Qualification may apply for recognition of prior learning to the relevant Education and Training Quality Assurance body (ETQA). The applicant must be assessed against the specific outcomes and with the assessment criteria for the relevant Unit Standards. A Qualification will be awarded should a learner demonstrate that the exit level outcomes of the Qualification have been attained.

QUALIFICATION RULES
All the Fundamental and Core Component Unit Standards are compulsory.

> Fundamental = 17 credits.
> Core = 132 credits.
> Elective = 10 credits.

EXIT LEVEL OUTCOMES
1. Operate within relevant legislative frameworks.

2. Research content for radio broadcasts.

3. Write scripts for radio broadcasts.
> Range: Scripts exclude drama scripts, but would include copy, advertisements, introductions to inserts, full scripts, and/or magazine programmes.

4. Build resource networks relevant for radio productions.

5. Generate and pitch ideas for programmes and items for transmission.

6. Work in teams in the radio context.
> Range: Teams may include those in the community, or shareholders.

7. Operate a variety of studio and field recording and production audio equipment.

8. Produce live and studio programs and items for transmission.

9. Edit and mix features, programs and items to meet broadcasting requirements.

10. Present radio programs/items that meet specified requirements.

11. Interview guests/panels/content providers in broadcasting context.
> Range: Guests include individuals, groups or panels.

ASSOCIATED ASSESSMENT CRITERIA
1.
> Current legislation and regulations are described and applied in radio production.
> Industry-specific regulations are followed to ensure compliance with legislation and respect for people.
> Industry-specific ethics are followed to ensure compliance with legislation and respect for people.
> Quality of content is benchmarked against specified broadcasting requirements and standards.

2.
> Relevant research methods are used for eliciting information for specific purposes.
> Range: Research includes applied research methods only, and not academic/basic research methods or experimental research methods.
> Relevant information is selected for specific purposes.
> Credible diverse sources are accessed and verified.
> Agreed ethical requirements are adhered to and recorded.
> Recorded information is accessed and verified.
> Correct information is recorded in agreed format.
> Information is recorded and updated within agreed time frames.

3.
> Scripts are written for the ear (rather than the eye).
> Style is relevant to given formats.
> Writing interest value is relevant to specific audiences.
> Text is checked and marked for incorrect grammar usage.
> Language used is appropriate for specified contexts.
> Scripts meet specified requirements (for example, length).
> Text is presented in a correct word processing format that meets product requirements.

4.
> Quality of content is benchmarked against specified broadcasting requirements and standards.

> Research content is analysed according to requirements of radio medium and audience.
> Agreed deadlines are met.

5.
> Style is relevant to given formats (including running order).
> Language is appropriate for specified contexts.
> Style is appropriate for creating specified audience rapport.
 > Range: Style includes - fluency, pace, tone, inflection, modulation, mood, projection.
> Context includes - time of day.
> Techniques for creating rapport could include: interaction with fellow contributors/listeners.

6.
> Knowledge of group dynamics is applied to build teams.
> Team functions are identified, explained and managed.
> Teambuilding and enhancement principles and processes are explained and applied.

7.
> Language is adjusted and made appropriate for specified contexts.
> Ideas are generated according to style and format of given context.
> Specifications that include required components are used.
 > Range: Components include: purposes, objectives, duration, audience, time of day.
> Given technical quality requirements and standards are sourced and adhered to.
> Editing decisions are justified in terms of context requirements.
 > Range: Edition decisions include those regarding: Flow, balance, interest, value, spec relevance.

8.
> Audio levels are set and adjusted within production requirements.
> Sound sources are managed and directed as required by programme sequence.
> Microphone placement are set to achieve best voice quality.
> Studio and field equipment are operated with fluency and without operational error.
> Recording devices are used efficiently to obtain broadcast quality.
> Audio output is monitored and evaluated within given criteria.

9.
> Produce live and recorded studio items and programmes for broadcast.
> Appropriate Sources are identified and selected to fit programme purpose.
> Programme formats are observed and adhered to.
> Storyline is formulated and scripted within programme requirements.
> Programme elements are assembled in coherent and logical sequence.
> Production activities falls within time constraints and deadlines.
> Contributors and briefed to fit in programme requirements.
> Content, timings and durations are monitored to fit within scripted requirements.

10.
> Edits are technically correct.
> Essence/message is retained without repetition.
> All errors are removed (including superfluous information).
> Time and duration requirements are met.
> Equipment and editing software are used efficiently in terms of content and context requirements, and purpose.
> Final mixes are tight (no gaps/dead air, smooth), clean, without technical abnormalities and meets broadcasting requirements and standards.
 > Range: Mixes include levels, phasing, distortion, dropout.

11.
> Questions are formulated to elicit responses relevant for purpose of interview.
> Research is conducted to identify questions for broadcasting.
> Fit for purpose question types are identified and managed according to agreed procedures.
> Guests expectations are confirmed prior to interviews (their and of them).
> Style and language are made relevant to given formats and contexts.
> Management of procedures and processes is done in accordance with time frames and instructions.
> Correct equipment is used according to given specifications.
> Equipment is used unobtrusively.
> Agreed interviewing standards are adhered to.
> Panel moderation is conducted fairly and ensures compatibility with the original plan.

12.
> Radio content is adapted to accommodate other media.
> Content requirements are sourced.
> Existing information is edited for use with other media.
> Sound is selected and assembled to support visual images.

13.
> Technological solutions are continually updated.
> Sources of technological solutions are identified, approached and assessed for delivery capacity and quality.
> Required equipment is appropriately secured and is in accordance with predetermined specifications.
> Technological solutions are tested for efficacy.

14.
> Equipment is selected and prepared for transmissions.
> Material for transmission is secured timorously.
> Transmission schedules are adhered to.
> Resolution of disparities between schedule and elements meet specific context requirements.

Integrated Assessment:

The assessment criteria in the unit standards are performance-based, assessing applied competence, rather than only underpinning knowledge, or only skills. The critical cross-field outcomes are also achieved in the unit standards. In addition to the competence assessed to achieve the unit standards, learners must demonstrate that they can achieve the outcomes in an integrated manner, dealing effectively with different and random demands related to occupational and learning contexts, to qualify, and assessment approaches used should be appropriate for assessing applied competence. Integrated assessment is meaningful if there are clear relationships between the purpose statement, exit level outcomes and integrated assessment of this qualification.

Learners who qualify must be able to integrate concepts, ideas and behaviours across unit standards to achieve the purpose of the qualification. Evidence (as specified in the associated assessment criteria) is required that the learner is able to achieve the exit level outcomes of the qualification as a whole and in an integrated way, and thus its purpose, at the time of the award of the qualification.

Learners when being assessed against the unit standards may present evidence of integration, and separate assessment for integration may not be necessary. Workplace experience can be recognised when assessing towards this qualification. Integrated assessment should include observable performance as well as the quality of thinking behind such performance. Formative assessment can be employed during learning towards the unit standards and during integration

to achieve exit level outcomes, to ensure that integration takes place when summarise assessment is employed.

INTERNATIONAL COMPARABILITY

A comprehensive search for similar qualifications in other countries in Africa yielded no results. The Australian National Training Authority (ANTA) has two certificates in broadcasting:

> Certificate II in Broadcasting.
> Certificate III in Broadcasting.

The latter qualification corresponds with closely with the National Certificate in Radio Production at NQF Level 5 in that it includes the following Units:

> Collect and organise information.
> Compile material for broadcast transmission.
> Conduct an interview.
> Edit sound.
> Mix sound sources.
> Plan and prepare a program.
> Produce a pre-recorded program segment.
> Record sound.
> Write content and/or copy.
> Write presentation material.

On Scottish Qualifications Authority framework is registered the following module that correlates closely with the present qualification:

> Radio: Making a programme.

Outcomes:

> Describe features associated with broadcasting radio programmes.
> Set up and operate equipment to make recordings that the requirement of a brief.
> Edit recordings to produce a coherent feature that the requirement of a brief.
> Mix edited recording with other sources to make a complete program that the requirement of a brief.

The present qualification contains Unit Standards that are comparable to those used in other areas of the world, for a similar qualification. Furthermore, this qualification is at NQF Level 5 (below degree level), which further aligns it with international standards.

Internationally, almost no qualifications were found specifically addressing radio station management competence. Mostly short courses are provided after initial qualifications in various fields. For example, in Bulgaria, short courses address competence in strategic planning, sales management, marketing, managing human resources, promotions, and advertising, and in Cambodia, short courses for radio station managers focus on audience research. All these sets of competence are contained within this South African qualification.

Many countries, including the United Kingdom, base their radio station management learning programs on general management programs, and are conceptualised as progression from or part of radio production and radio presenting learning programs. In the Netherlands, most programs focus on content development and journalism.

The Australian framework contains only one qualification, a one-year Diploma of Broadcasting, which is at a level equivalent to this South African qualification. Although the qualification is aimed at radio and television broadcasting industry personnel who are involved in producing and

presenting programs, including on-air presenting, it addresses similar sets of competence in its elective components. The South African qualification has more of a business focus, and addresses more strategic planning competence than the Australian qualification, that focuses more on production. The qualifications compare as follows:

Australia; South Africa:

> Develop and apply industry knowledge; Integrated within the unit standards.
> Implement workplace health, safety and security procedures; Integrated within the unit standards.

Elect three from the following:

> Conduct a briefing; Formulating research objectives and interpreting and applying results to inform strategies.
> Develop and monitor a program schedule; Scheduling music for radio stations.
> Operate master control.
> Produce live-to-air programs.
> Produce pre-recorded programs.
> Supervise technical operations; Managing operations and facilities to achieve business objectives.

Elect three from the following:

> Compile a production schedule.
> Conduct an interview.
> Conduct an on-air presentation.
> Control the transmission of television material.
> Develop and maintain the general knowledge required by presenters.
> Plan and prepare a program.
> Schedule radio play lists; Selecting music for radio stations.
> Vision mix a outsource television production to tape or air.
> Write content and/or copy.
> Write narration.

Elect five from the following:

> Address copyright requirements; Integrated within the unit standards.
> Address legal and administrative requirements; Integrated within the unit standards.
> Develop a budget; Applying financial management principles in order to maximise revenue and minimise costs.
> Develop and implement an operational plan; Managing operations and facilities to achieve business objectives.
> Establish and manage contracts; Managing human resources to optimise performance in radio stations.
> Manage a budget; Applying financial management principles in order to maximise revenue and minimise costs.
> Manage a project.
> Manage physical assets; Managing operations and facilities to achieve business objectives.
> Participate in, lead and facilitate a team; Managing human resources to optimise performance in radio stations.
> Promote products and services; Maximising advertising sales to optimise financial viability and stability of radio stations, Developing and implementing marketing strategies in order to optimise brand awareness.
> Recruit and select staff; Managing human resources to optimise performance in radio stations.

> Any four other electives; Developing, managing and implementing program strategies that are in line with specific mandate, Compiling business plans in accordance with stakeholders requirements, Managing radio station music databases.

In the United States of America (USA), radio station management competence is often achieved after an initial Bachelor of Arts degree (often in Communication) - this is at a higher level than this South African qualification. Competent/qualified radio station managers are required to apply their competence under limited supervision. Competencies addressed in learning programs compare as follows with this South African qualification:

USA; South Africa:

> Conducting research, including audience needs assessment; Formulating research objectives and interpreting and applying results to inform strategies.
> Establishing communication lines; Integrated within the unit standards.
> Designing and coordinating fundraising activities and other projects; Maximising advertising sales to optimise financial viability and stability of radio stations.
> Maintaining public relations, in the promotion of station activities; Developing and implementing marketing strategies in order to optimise brand awareness.
> Administering, monitoring and controlling budgets; Applying financial management principles in order to maximise revenue and minimise costs.
> Overseeing (planning, coordinating and directing) administration, and generating and maintaining station procedures and records (such as inventories) and reports; Compiling business plans in accordance with stakeholders requirements.
> Overseeing operations in all radio departments; Managing operations and facilities to achieve business objectives.
> Selecting, purchasing, installing and maintaining operating equipment, supplies and facilities by monitoring equipment usage and reparability, and ensuring the maintenance of equipment inventories.
> Supervising human resources, including appointment, performance management and evaluation, training, work allocation, and problem resolution; Managing human resources to optimise performance in radio stations.
> Ensuring compliance with regulations and standards for public broadcasting; Integrated within the unit standards.
> Initiating and implementing new programming and/or to revise existing programming; Developing, managing and implementing program strategies that are in line with specific mandates.
> Ensuring that all broadcasting is in accordance with published schedules; Integrated within the unit standards.
> Overseeing the appropriate recording and broadcasting of program sources.
> Performing on-air programming, interviews, and announcements (elective).
> Set radio station goals and objectives (elective).
> Recording for airplay (elective).
> Programming music logs (elective); Selecting music for radio stations, Scheduling music for radio stations.
> Updating music database with new releases (elective); Managing radio station music databases (elective).
> Developing radio station web sites (elective).
> Driver's license (elective).

Radio station management competence in Afghanistan (where new independent radio stations are currently developing) compares as follows with the South African qualification:

Afghanistan; South Africa:

> Coordinating radio station operations; Managing operations and facilities to achieve business objectives.
> Purchasing equipment, maintaining it and supervising repairs; Managing operations and facilities to achieve business objectives.
> Coordinating radio station personnel; Managing human resources to optimise performance in radio stations.
> Coordinating radio budgets; Applying financial management principles in order to maximise revenue and minimise costs.
> Reporting to stakeholders.
> Developing content and scheduling programs; Developing, managing and implementing program strategies that are in line with specific mandates.
> Establishing and applying standards of journalism.
> Planning and fundraising.
> Writing proposals; Compiling business plans in accordance with stakeholders requirements.
> Liaising, sharing content and collaborating with media organisations operating within Afghanistan.
> Communication and facilitation of communication.
> Driver's license.

None of the electives in the South African qualification is included in Afghanistan training programs, and marketing, sales and research competence is not addressed in Afghanistan.

The South African qualification was found to be unique, as most other countries do not award a qualification for radio station management, or include this area of competence with radio production or radio presenting qualifications.

ARTICULATION OPTIONS
Vertical articulation upwards is possible with, for example:

> ID 20909: National First Degree in Customer Management, NQF Level 6.

Vertical articulation downwards is possible with, for example:

> National Certificate in Music Industry Business and Management, NQF Level 4.

Horizontal articulation on the NQF is possible with, for example:

> National Certificate in Management, NQF Level 5.

MODERATION OPTIONS
Moderation of assessment and accreditation of providers shall be at the discretion of a relevant ETQA as long as it complies with the SAQA requirements. The ETQA is responsible for moderation of learner achievements of learners who meet the requirements of this qualification. Particular moderation and accreditation requirements are:

> Any institution offering learning that will enable the achievement of this qualification must be accredited as a provider with the relevant ETQA. Providers offering learning towards achievement of any of the unit standards that make up this qualification must also be accredited through the relevant ETQA accredited by SAQA.

> The ETQA will oversee assessment and moderation of assessment according to their policies and guidelines for assessment and moderation, or in terms of agreements reached around assessment and moderation between the relevant ETQA and other Etnas and in terms of the moderation guideline detailed here.

> Moderation must include both internal and external moderation of assessments for the qualification, unless the relevant ETQA policies specify otherwise. Moderation should also encompass achievement of the competence described in Unit Standards as well as the integrated competence described in the qualification.

> Internal moderation of assessment must take place at the point of assessment with external moderation provided by a relevant ETQA according to the moderation guidelines and the agreed ETQA procedures.

> Anyone wishing to be assessed against this qualification may apply to be assessed by any assessment agency, assessor or provider institution that is accredited by the relevant ETQA.

CRITERIA FOR THE REGISTRATION OF ASSESSORS

Assessment of learner achievements takes place at providers accredited by the relevant ETQA (RSA, 1998b) for the provision of programs that result in the outcomes specified for this qualification. Anyone assessing a learner or moderating the assessment of a learner against this qualification must be registered as an assessor with the ETQA and have a relevant qualification or experience at a level higher than Level 5. Assessors registered with the relevant ETQA must carry out the assessment of learners for the qualification and any of the Unit Standards that make up this qualification.

NOTES

This qualification replaces qualification 49125, "National Certificate: Radio Production", Level 5, 145 credits.

UNIT STANDARDS

	ID	UNIT STANDARD TITLE	LEVEL	CREDITS
Fundamental	252037	Build teams to achieve goals and objectives	Level 5	6
Fundamental	117546	Collect information for journalistic use	Level 5	6
Fundamental	115791	Use language and communication strategies for vocational and occupational learning	Level 5	5
Core	252446	Acquire copyright permissions	Level 5	10
Core	117557	Analyse scripts for production	Level 5	15
Core	12499	Edit sound	Level 5	5
Core	12603	Final mix sound tracks for a production	Level 5	10
Core	110360	Interview for a variety of journalistic purposes	Level 5	8
Core	243970	Obtain and transfer sound	Level 5	8
Core	117563	Operate studio equipment for broadcast	Level 5	15
Core	12606	Operate studio equipment for radio production	Level 5	5
Core	13813	Package a radio programme using analogue sound equipment	Level 5	6
Core	14365	Prepare and operate sound equipment from a location for a radio broadcast	Level 5	5
Core	12607	Produce a live radio broadcast	Level 5	6
Core	117559	Produce studio recorded programmes	Level 5	15
Core	117560	Propose ideas for radio programmes and items	Level 5	6
Core	12599	Run a transmission on-air	Level 5	10
Core	117564	Write radio scripts	Level 5	8
Elective	117561	Adapt radio content	Level 5	8
Elective	13810	Record a radio drama	Level 5	6
Elective	13805	Select and assemble sound to support visual images	Level 5	7
Elective	12605	Interview and lead discussion for radio broadcast purposes	Level 6	12

LEARNING PROGRAMMES RECORDED AGAINST THIS QUALIFICATION
None