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## GOVERNMENT NOTICE

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### SOUTH AFRICAN QUALIFICATIONS AUTHORITY

No. 900

11 September 2009



#### 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 Qualifications and Unit Standards for public comment.

This notice contains the titles, fields, sub-fields, NQF levels, credits, and purpose of the Qualifications and Unit Standards. The full Qualifications and Unit Standards can be accessed via the SAQA web-site at [www.saqqa.org.za](http://www.saqqa.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 Qualifications and Unit Standards should reach SAQA at the address below and **no later than 12 October 2009**. 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. E. Brown

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D. MPHUTHING

ACTING DIRECTOR: STANDARDS SETTING AND DEVELOPMENT



**SOUTH AFRICAN QUALIFICATIONS AUTHORITY**

**QUALIFICATION:**  
**National Higher Diploma: Supply Chain Management**

SAQA QUAL ID	QUALIFICATION TITLE		
74190	National Higher Diploma: Supply Chain Management		
ORIGINATOR		PROVIDER	
SGB Procurement, Logistics and Supply Chain Mngt			
QUALIFICATION TYPE	FIELD	SUBFIELD	
National Higher Diploma	3 - Business, Commerce and Management Studies	Procurement	
ABET BAND	MINIMUM CREDITS	NQF LEVEL	QUAL CLASS
Undefined	120	Level 7	Regular-ELOAC

***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 engage in the processes and inter-relationships 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.

Qualifying learners will be able to:

- Critically analyse the role of the supply chain function within the organisation.
- Develop strategies to optimise the supply chain management function.
- Develop appropriate plans to implement supply chain management strategies.
- Establish strategic relationships within the supply chain.

**Rationale:**

The target groups for this Qualification are people working within 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 middle to top management positions or are senior specialists within the various supply chain processes are most likely to find the Qualification applicable to them.

The demand for this Qualification directly links to the need to:

- Commission projects to develop the supply chain.
- Develop and manage legal, contractual arrangements associated with purchasing and supply.
- Develop a supply chain strategy for the organization.
- Develop effective risk management strategies.
- Establish sustainable strategic relationships within the supply chain.
- Improve the performance of the supply chain.
- Have an in-depth knowledge of the Machinery of Government, i.e. Broad-based Black Economic Empowerment (BBBEE), Public Finance Management Act, PPP Regulations and others.

- Plan the flow, procurement, storage, distribution, transportation and export and import of supplies through the supply chain.

This Qualification has been designed in order to address these demands as well as support the competencies required in the key areas of strategic supply chain management.

### **RECOGNIZE PREVIOUS LEARNING?**

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### **LEARNING ASSUMED IN PLACE**

It is assumed that learners are able to:

- Demonstrate an understanding of supply chain management environment within an organisation NQF Level 5.
- Demonstrate an understanding of the influence of performance and risk within a supply chain management environment NQF Level 5.
- Contribute to the development of a supply chain strategy and operational plans for the organisation NQF Level 5.
- Execute a supply chain strategy for the organisation NQF Level 5.

Recognition of Prior Learning:

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

If the learner is able to demonstrate competence in the knowledge, skills, values and attitudes implicit in this Qualification, the appropriate credits should be assigned to the learner. Recognition of Prior Learning will be done by means of Integrated Assessment as mentioned above.

Access to the Qualification:

Open to learners in possession of a National Senior Certificate, Further Education and Training Certificate or equivalent NQF Level 4 Qualification.

### **EXIT LEVEL OUTCOMES**

1. Critically analyse the role of the supply chain function within an organisation.
2. Develop strategies to optimise the supply chain management function.
3. Develop appropriate plans to implement the supply chain management strategies.
4. Establish strategic relationships within the supply chain.

Critical Cross-Field Outcomes:

Identifying and solving problems in which responses show that integrative thinking and critical analysis has been made when:

- Establishing sustainable relationships with strategic suppliers.
- Analysing the industry to determine trends.
- Aligning organisational and supply chain management strategies.

Working effectively with others as a member of a inter-disciplinary team when:

- Managing relationships between supply chain partners.

Organising and managing oneself and one's activities responsibly and effectively when:

- Developing, implementing and optimising supply chain management systems.
- Assessing risks and developing mitigating interventions.

Communicating effectively with stakeholders and authorities when:

- Developing and implementing plans in support of the supply chain management strategies.

Collecting, analysing, organising and critically evaluating information from various sources when:

- Managing risk and performance within the supply chain.
- Assessing the business landscape to ascertain continuous improvement opportunities.

Using science and technology effectively and showing responsibility towards the environment and health of others when:

- Establishing a competitive supply chain management infrastructure in line with strategic objectives.

Demonstrating an understanding of the world as a set of related systems by recognising the complex and dynamic nature of these systems as well as the inter-relationships and linkages that exist between systems when:

- Understanding and applying benchmarked supply chain management practices and processes.
- Developing and implementing the strategy of Supply Chain Management.
- Aligning business and supply chain management strategies to legislation and key government initiatives.

Being culturally and aesthetically sensitive to the social and cultural systems of others when:

- Evaluating the influences of key elements in a supply chain.
- Negotiating with international and local suppliers.

### **ASSOCIATED ASSESSMENT CRITERIA**

Associated Assessment Criteria for Exit Level Outcome 1:

1.1 Specific legislation and key government initiatives are critically analysed to determine the significance of the role that supply chain management plays within organisations.

- Range: Legislation includes but is not limited to the Constitution of South Africa, Broad-based Black Economic Empowerment Act, Public Finance Management Act, Municipal Finance Management Act, Preferential Procurement Policy Framework Act, Small Business Development Act, Prevention and Combating of Corrupt Activities Act, Customs and Excise Duties Act, Occupational Health and Safety Act, related regulations, policies, prescripts, practice notes and circulars. Key Government Initiatives include but are not limited to ASGISA, Proudly South African, Extended Public Works Programme, NEPAD, SME's Development, Competitive Supplier Development Programme, highlight the complexity of the procurement decision, supplier selection, indicate GDP and spend on opex and capex.

1.2 Benchmarking supply chain management practices are analysed for inclusion in strategies.

- Range: Analysis includes but is not limited to unpacking benchmarks and identifying key elements of the supply chain management system including risk and performance management.

1.3 The financial accountability cycle is evaluated to reflect the impact on supply chain management policies and practices.

- Range: Impact includes but is not limited to the Public Finance Management Act (PFMA), the Municipal Finance Management Act (MFMA), the roles of the National Treasury and the Auditor-General in promoting good supply chain management practice within the accountability framework, risk management systems.

1.4 The fundamental importance of ethics is analysed to determine its impact on transparency in all transactions.

- Range: Ethics and transparency include but is not limited to Ethical Codes of Conduct, legislation on access to information.

1.5 The value of continuous improvement programmes is assessed to determine its relationship to the supply chain function.

- Range: Continuous improvement programmes include but are not limited to benchmarked standards relating to managing supplier performance (e.g. Total Quality Management (TQM)), linked to developing and expanding small businesses and the economy.

1.6 The necessity of professional development is evaluated to determine how it influences the establishment of a cadre of supply chain management professionals

- Range: Professional development includes but is not limited to access to relevant qualifications, on-the-job-training, coaching and mentoring programmes, internships, job rotation.

Associated Assessment Criteria for Exit Level Outcome 2:

2.1 The process of developing corporate strategy is analysed to determine how supply chain management concepts are included in the strategy.

- Range: Concepts include but are not limited to strategic sourcing, inventory management, value chain processes, total quality management, total cost of ownership, life cycle costing.

2.2 The importance of organisational structures, cultures and power is assessed in terms of their influence on the development and implementation of corporate strategy.

2.3 Various models of supply chain structures and relationships are distinguished and assessed in order to use in the development of strategies.

- Range: Models include public and private sector business models.

2.4 Current supply chain management practices and challenges are analysed to determine their impact on the business or corporate strategy.

- Range: Current supply chain management practices and challenges include but are not limited to internal and external supply chains, the flows across organisational boundaries upstream and downstream, environment, resources.

2.5 Innovative and benchmarked strategies are implemented to continuously improve the business.

2.6 The availability, development and allocation of resources are analysed to support corporate strategy.

2.7 Drivers of change in global supply chains are diagnosed in order to propose strategies to address them and manage change processes directed towards achieving corporate strategy.

Associated Assessment Criteria for Exit Level Outcome 3:

3.1 Implementation plans are developed in order to execute supply chain management strategies.

- Range: Implementation plans include but are not limited to the flow, procurement, storage, distribution, transportation, and export and import of supplies.

3.2 A Continuous Improvement Plan is developed and evaluated to ensure sustainability of the organisation.

3.3 Marketing and communication plans are developed to create market awareness in and to communicate with all relevant stakeholders.

3.4 A risk assessment plan is developed to provide a framework to manage business and operational risks.

3.5 A performance management plan is developed to monitor, evaluate and report progress against the strategic objectives of supply chain management and the organisation.

Associated Assessment Criteria for Exit Level Outcome 4:

4.1 The effectiveness of current strategic relationships within the supply chain is reviewed through relevant evaluation techniques.

4.2 Opportunities for establishing new strategic relationships within the supply chain are identified through networking, leading and influencing.

4.3 The benefits and risks of establishing new strategic relationships within the supply chain are diagnosed in relation to market, economic, social and political environments.

4.4 A process is undertaken to assess the impact of new relationships on existing strategic relationships within the supply chain.

4.5 Strategic relationships that improve the performance of the supply chain are established to achieve organisational strategic objectives more effectively.

4.6 Existing strategic relationships are maintained through effective problem solving and communication.

### **INTERNATIONAL COMPARABILITY**

The international comparability study conducted specifically focused on identifying occupational standards or Qualifications used in other countries that might contain indicators of best practice that could be used for comparison to or in the development of the supply chain management Qualification at Level 7.

The following possible best practice examples were identified:

- Units and Elements in relevant functional areas, especially Procurement and Contracting and Transport and Distribution, within the Australian Qualifications Framework.
- Functional tasks and job profiles at four levels developed by the Dutch Purchasing Association (NEVI).
- Functional tasks and job profiles at two levels across 7 sectors developed by the US Institute of Supply Management.
- The Supply Chain processes underlying the SCOR model developed by the US Supply-Chain Council.

These were therefore considered during the generation and wider consultation processes with specific reference to functional analysis and occupational mapping processes. In general terms Purchasing, Operations, Logistics and Supply Chain Management were well covered by the above exemplars but coverage of International Trade and Export is limited. Only the Australian qualifications are broken down into competence based Units and Elements. The US/International CPM and the Dutch NEVI qualification test knowledge alone. The SCOR model is designed to assist in improving supply chain performance, and is not related to any Qualification, but could be used to restructure organisations to provide a better flow of information and materials. Of the other countries identified, Germany and Japan were not pursued in great depth due to their different educational systems, more technical engineering based approach to purchasing and language barriers.

The data collection process included the following:

- An extensive Internet search focussing on the countries identified as best practice countries.
- Follow-up by email to obtain more detailed information especially in relation to case studies.
- Contacting professional and academic colleagues in target countries with direct involvement in the development or application of relevant vocational Qualifications.

This international comparability report will:

- Identify the main examples identified by the desk research.
- Present their content concisely at Qualification and Unit Standards title level.
- Provide case study evidence where available.
- Give a brief assessment of their value for this NQF Level 7 Qualification.

Australia:

Australia has a national framework for competence based vocational qualifications similar to that in the South Africa, although accreditation is delegated to States. The Australian National Training Authority (ANTA) is responsible for its maintenance and development. The detail of Qualifications, Units and Elements is available from the National Training Information Service. The following courses relevant to various areas covered in the NQF Level 7 Qualification are listed on the NTIS site under Courses/Qualifications:

Purchasing:

National Code; State Code; Course Name:

- 11171VIC; VI2604AGC; Advanced Diploma of Purchasing and Materials Management.
- 40036SA; SAACN; Certificate III in Purchasing.
- 11165VIC; VI2304AKC; Certificate III in Purchasing and Materials Management.
- 50191; 21408TPWA; Certificate IV in Contracting and Purchasing Management.
- 90862NSW; 113688; Certificate IV in Purchasing and Supply Management.
- 11166VIC; VI2404AMC; Certificate IV in Purchasing and Materials Management.
- 50195; 21412TPWA; Diploma of Contracting And Purchasing Management.
- 11167VIC; VI2504AJC; Diploma of Purchasing and Materials Management.

The absence of courses at Certificate Levels I and II indicates that few people operate at these levels in the Purchasing function.

AUR20599 Certificate II in Automotive (Administration - Vehicle Valuating/Purchasing).

Units of Competency in Sales, Purchasing and Storage are included in this qualification and they include, for example, the following of direct relevance to the South African NQF Level 7 Qualification:

- AUR37608A: Carry out stock control procedures.
- AUR37637A: Maintain stock control.
- AUR38038A: Plan and organise stock.
- AUR39508A: Carry out warehousing procedures.
- AUR39608A: Carry out inventory procedures.
- AUR44455A: Contract for external service provision.
- AUR44155A: Purchase parts/components/materials.

Transport and Distribution:

National Code; State Code; Course Name; Course Expires:

- 15026ACT; AC98/2601; Advanced Diploma of Transport and Distribution (Road Transport); 30/12/2003.
- 15598VIC; Certificate I in Vocational Studies (Transport and Distribution); 30/06/2004.
- 30006QLD; Certificate III in Transport and Distribution (Bulk Grain Handling); 29/09/2004.

- 12652NT; NTRP649; Course in Workplace Assessor Training (Transport and Distribution); 31/12/2002.
- 15025ACT; AC98/2597; Diploma of Transport and Distribution (Road Transport); 30/12/2003.
- 80183ACT; 98/2601; Diploma of Transport and Distribution (Road Transport): RACT Operator Movements; 30/12/2003.
- 15062ACT; 98/2600; Diploma of Transport and Distribution (Stevedoring); 30/12/2003.
- 15238ACT; Diploma of Transport and Distribution (Stevedoring); 30/12/2003.
- 80342ACT; 99/909; Diploma of Transport and Distribution (Stevedoring); 30/12/2003.

Whilst these courses are not competency based, National Qualifications are offered which are based upon Competency Standards and incorporate Units and Elements. These are at all levels, and at the South African qualifications level include the following options:

- TDT41102: Certificate IV in Transport and Distribution Administration.
- TDA40203: Certificate IV in Transport (Aviation Flight Operations).
- TDM40201: Certificate IV in Transport and Distribution (Marine Engineering).
- TDT40998: Certificate IV in Transport and Distribution (Mobile Crane Operations).
- TDT40798: Certificate IV in Transport and Distribution (Rail Civil Infrastructure).
- TDT40698: Certificate IV in Transport and Distribution (Rail Freight Services).
- TDT40702: Certificate IV in Transport and Distribution (Rail Infrastructure).
- TDT40402: Certificate IV in Transport and Distribution (Rail Operations)
- TDT40598: Certificate IV in Transport and Distribution (Rail Passenger Services).
- TDT40202: Certificate IV in Transport and Distribution (Road Transport).
- TDT40302: Certificate IV in Transport and Distribution (Stevedoring).
- TDT40102: Certificate IV in Transport and Distribution (Warehousing and Storage).
- TDT40197: Certificate IV in Transport and Distribution (Warehousing).

#### International Trade:

#### National Code; State Code; Course Name:

- 10827QLD: Advanced Diploma of Australian and International Trade Facilitation.
- 21384VIC; 21384VIC; Advanced Diploma of Business (International Trade).
- 11418NSW; 819; Certificate IV in Australian and International Trade Facilitation.
- 21420VIC; 21420VIC; Certificate IV in Business (International Trade).
- 21382VIC; 21382VIC; Certificate IV in Business (International Trade).
- 40188SA; 40188SA; Certificate IV in International Trade Operations.
- 21421VIC; 21421 VIC; Diploma of Business (International Trade).
- 21383 VIC; 21383VIC; Diploma of Business (International Trade).
- 40189SA; 40189SA; Diploma of International Trade Management.

Of direct relevance to Export competencies in the Qualifications are:

- 10827QLD: Advanced Diploma of Australian and International Trade Facilitation.
- 11418NSW: Certificate IV in Australian and International Trade.

#### Public Sector:

Within the framework of the Australian Public Sector Training competencies, competency based qualifications in Procurement and Contracting have been developed at Certificate IV level, with an Advanced Diploma of Government in Contract Management. There are also Certificate IV and Diploma qualifications in Project Management. These are fully accredited by ANTA.

#### Netherlands:

In 1993, the Dutch Association of Purchasing Management (NEVI) commissioned a study into the job profiles of purchasing professionals. This resulted in a list of several hundred tasks divided into 10 task domains. This work was reviewed in the PIO 2000 Project in the light of changing trends in the profession, resulting in a revised list of approximately eighty tasks, subdivided as follows:

- Management (development of purchasing policies, management of the purchasing organisation and processes aimed at improving the organisation).
- Information and communication (communication with internal as well as with external sectors, information technology and globalisation).
- Initial purchase (specification of needs, selecting suppliers, contracting suppliers).
- Operational purchasing (ordering goods and services, monitoring the buying process and after-care, evaluation and administrative conclusion of the purchasing process).

United States of America:

Certified Purchasing Manager (CPM).

Since 1974 the CPM has been the leading international professional qualification in terms of numbers of qualified purchasing staff. The Qualification consists of a wide range of multiple choice questions based upon the results of a job analysis study. The most recent review was carried out in 1999-2000.

The job analysis resulted in 100 tasks, of which 64 are applicable to a majority of business sectors (manufacturing, U.S. federal government, state/local government, institutional, services, retail, food/agriculture) at the purchasing and supply manager level. Of these 64 tasks, 41 were also applicable to a majority of sectors at the buyer level as well (the job analysis broke out two levels: buyer and purchasing and supply manager).

The revised CPM is structured into 4 modules as set out below:

- Module 1: Purchasing Process: Contains 20 tasks and includes sections on identifying requirements; preparation of solicitations; supplier analysis; and contract execution, implementation, and administration.
- Module 2: Supply Environment: Contains 17 tasks and includes sections on negotiations, information technology, quality issues, internal relationships, and external relationships.
- Module 3: Value Enhancement Strategies: Contains 16 tasks and includes sections on sourcing analysis, supply and inventory management, value enhancing methods and forecasting and strategies.
- Module 4: Management: Contains 14 tasks and includes sections on management and organization, and human resources management.

Supply Chain Operations Reference (SCOR) model (Supply Chain Council).

Whilst the above examples have been primarily focussed on vocational qualifications, the SCOR model was developed to provide a basis for supply chain improvement by examining and measuring their supply chain processes, determining where weak links exist and identifying where to make improvements. It was developed and is maintained by the Supply-Chain Council which has some 750 corporate members worldwide.

The main potential value of the SCOR model to the South African qualifications lies in the supply chain functional map which underlies the model, based upon the activities Enable, Plan, Source, Make, Deliver, Return. This covers most of the functions within the qualifications, although reference to International Trade is limited to one category entitled 'Import/Export'. There is extensive evidence of implementation of the model in improving supply chain processes. The Supply-Chain Council makes Awards for Excellence in Supply Chain Operations and

Management: recent winners include Siemens, United States Airforce Oklahoma City Air Logistics Center and SCA Technologies LLC.

Other Countries:

Japan, Germany and South Africa were also identified as possible sources of best practice. Whilst the former is the source of much of the innovation in supply chain functions, particularly in manufacturing, in recent years, differences in educational systems, the largely engineering/technical background of purchasing practitioners precluded a detailed assessment of Japan.

Germany's dual educational system, whereby academic and technical schools provide choice at secondary level, also differs from that in SA, and there is, as with Japan, a tendency for purchasers to have a technical background. Personal contacts at the German Association for Materials Management, Purchasing and Logistics (BME) were not aware of any initiatives in Germany relevant to this standards generation project.

Conclusion:

The identification of tasks and job profiles is based upon a sound methodology and extensive consultation with practitioners, resulting in valid and credible outputs that informed the development of the qualifications and unit standards. Useful comparisons may be drawn between the environmental trends identified in the best practice countries and those affecting the competencies covered in this Qualification.

#### **ARTICULATION OPTIONS**

Horizontal Articulation:

- Bachelor of Commerce Honours: Supply Chain Management, NQF Level 8.

#### **MODERATION OPTIONS**

● Anyone assessing a learner or moderating the assessment of a learner against this Qualification must be registered as an assessor with an appropriate Education, Training, Quality Assurance (ETQA) Body or with an ETQA that has a Memorandum of Understanding 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 a Memorandum of Understanding with the relevant ETQA.

● Moderation of assessment will be overseen by the relevant ETQA or by an ETQA that has a Memorandum of Understanding with the relevant ETQA, according to the ETQA's policies and guidelines for assessment and moderation.

● Moderation must include both internal and external moderation of assessments at 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 in the exit level outcomes described in the Qualification.

#### **CRITERIA FOR THE REGISTRATION OF ASSESSORS**

For an applicant to register as an assessor, the applicant needs:

- Well-developed interpersonal skills and subject matter experience.
- To be competent in the planning and the conducting assessment of learning outcomes as described in the unit standards Plan and Conduct assessment of Learning outcomes NQF Level 5.

- Well-developed subject matter expertise in supply chain management.
- A relevant tertiary qualification at NQF Level 8.
- 3 years experience in the relevant field.
- To be registered as an assessor with the relevant Education and Training Quality.

**UNIT STANDARDS**

*This qualification is not based on Unit Standards.*

**LEARNING PROGRAMMES RECORDED AGAINST THIS QUALIFICATION**

*None*



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

### QUALIFICATION: National Certificate: Supply Chain Management

SAQA QUAL ID	QUALIFICATION TITLE		
74149	National Certificate: Supply Chain Management		
ORIGINATOR	PROVIDER		
SGB Procurement, Logistics and Supply Chain Mngt			
QUALIFICATION TYPE	FIELD	SUBFIELD	
National Certificate	3 - Business, Commerce and Management Studies	Procurement	
ABET BAND	MINIMUM CREDITS	NQF LEVEL	QUAL CLASS
Undefined	140	Level 5	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 engage in the processes and inter-relationships across the supply chain so as to create sustainable value for organisations. This qualification is aimed at overcoming the traditional functional approach to operations and management, and at fostering supply chain integration to the advantage of all stakeholders.

Qualifying learners will be able to:

- Demonstrate an understanding of a supply chain management environment within an organisation.
- Demonstrate an understanding of the influence of performance and risk within a supply chain management environment.
- Contribute to the development of a supply chain strategy and operational plans for the organisation.
- Execute a supply chain strategy for the organisation.

Rationale:

The target groups for this qualification are people working within operational to middle 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 demand for this qualification directly links to the need to:

- Equip supply chain practitioners to understand and respond to the changing supply chain management environment.
- Enable supply chain practitioners to be effective leaders and managers within the supply chain.
- Enable supply chain practitioners to be innovative, creative and competitive in the supply chain management environment.

- Manage and develop sustainable supplier relationships.
- Measure and improve supply chain performance.
- Analyse, assess, manage and mitigate risk.
- Develop and manage legal, contractual arrangements associated with purchasing and supply.

This qualification has therefore been designed to address these demands as well as support the competencies required in the key areas of supply chain management that were identified within the greater industry yielding the following elective areas:

- Purchasing and Supply.
- Strategic Supply Chain Management.
- Distribution.
- Materials/Logistics Management.
- Disposal Management.
- Public Service.

### **RECOGNIZE PREVIOUS LEARNING?**

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### **LEARNING ASSUMED 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.

Learning assumed to be in place:

- Mathematical Literacy at NQF Level 4.
- Communication at NQF Level 4.
- Computer Literacy and the ability to use databases and spreadsheets at NQF Level 3.

Recognition of Prior Learning:

The structure of this unit standards-based qualification makes the Recognition of Prior Learning possible. This qualification may therefore be achieved in part through the recognition of prior learning, which includes formal, informal and non-formal learning and work experience. The learner should be thoroughly briefed on the mechanism to be used and RPL assessors should provide support and guidance. Care should be taken that the mechanism used provides the learner with an opportunity to demonstrate competence and is not so onerous as to prevent learners from taking up the RPL option towards gaining a qualification.

If the learner is able to demonstrate competence in the knowledge, skills, values and attitudes implicit in this qualification and/or unit standards, the appropriate credits should be assigned to the learner. Recognition of Prior Learning will be done by means of Integrated Assessment as mentioned above.

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 he/she is competent in the Communication and Mathematical competencies listed under Learning Assumed to be in Place.

### **QUALIFICATION RULES**

Fundamental Component:

- The Fundamental Component consists unit standards totalling 30 Credits all of which are compulsory.

Core Component:

- The Core Component consists of Unit Standards to the value of 70 Credits, all of which are compulsory.

Elective Component:

- The Elective Component consists of a number of specialisations. Learners should choose an Elective specialisation and then select Unit Standards to the value of 40 Credits listed for that specialisation. Should the unit standards in a specific specialization not total the minimum elective value of 40 Credits, the learner must choose additional unit standards from one of the other specialisations to give a total of 40 Credits for the elective component.

Purchasing/Procurement and supply:

- ID 336704: Prepare products for transportation; manage the return of goods and warehousing, NQF Level 5, 10 Credits.
- ID 336712: Outline the philosophy of Supply Chain Management, NQF Level 6, 6 Credits.
- ID 336703: Design a distribution network, NQF Level 6, 5 Credits.
- ID 336704: Prepare products for transportation; manage the return of goods and warehousing, NQF Level 6, 10 Credits.
- ID 336702: Analyse and apply management practices within the supply chain, NQF Level 5, 10 Credits.
- ID 336720: Conduct demand forecasting and develop supply and capacity plans to meet demand, NQF Level 6, 8 Credits.
- ID 336707: Demonstrate an understanding of the key issues important for compliance with corporate governance principles and social responsibility, NQF Level 6, 5 Credits.
- ID 336704: Prepare products for transportation; manage the return of goods and warehousing, NQF Level 5, 10 Credits.
- ID 336705: Demonstrate an understanding of the fundamentals of international trade and execute international purchases, NQF Level 6, 5 Credits.

Strategic Supply Chain Management:

- ID 336707: Demonstrate an understanding of the key issues important for compliance with corporate governance principles and social responsibility, NQF Level 6, 5 Credits.
- ID 336705: Demonstrate an understanding of the fundamentals of international trade and execute international purchases, NQF Level 6, 5 Credits.
- ID 336705: Demonstrate an understanding of the fundamentals of international trade and execute international purchases, NQF Level 6, 5 Credits.
- ID 336700: Lead and influence the supply chain management environment, NQF Level 6, 13 Credits.
- ID 336739: Demonstrate an understanding of the key concepts and elements of strategic supply chain management, NQF Level 6, 13 Credits.

Distribution:

- ID 336704: Prepare products for transportation; manage the return of goods and warehousing, NQF Level 5, 10 Credits.
- ID 336703: Design a distribution network, NQF Level 6, 5 Credits.
- ID 336681: Processing customer orders, NQF Level 5, 5 Credits.
- ID 336740: Analyse logistics systems and implement appropriate strategic plans, NQF Level 6, 8 Credits.

**Materials/Logistics Management:**

- ID 336704: Prepare products for transportation; manage the return of goods and warehousing, NQF Level 5, 10 Credits.
- ID 336742: Develop and implement optimal inventory strategies, NQF Level 6, 8 Credits.
- ID 336705: Demonstrate an understanding of the fundamentals of international trade and execute international purchases, NQF Level 6, 5 Credits.
- ID 336701: Demonstrate an understanding of the fundamental principles of the economy, NQF Level 5, 8 Credits.
- ID 336699: Demonstrate an understanding of the principles of marketing, NQF Level 5, 5 Credits.

**Disposal Management:**

- ID 13945: Describe and apply management of stock and fixed assets in a business unit, NQF Level 6, 2 Credits.
- ID 336703: Design a distribution network, NQF Level 6, 5 Credits.
- ID 336704: Prepare products for transportation; manage the return of goods and warehousing, NQF Level 5, 10 Credits.
- ID 336704: Prepare products for transportation; manage the return of goods and warehousing, NQF Level 5, 10 Credits.
- ID 336705: Demonstrate an understanding of the fundamentals of international trade and execute international purchases, NQF Level 6, 5 Credits.

**Public Service:**

- ID 242914: Apply the principles and theories of Public Sector project management, NQF Level 6, 12 Credits.
- ID 119345: Apply principles, regulations and legislation underlying supply chain management in the public sector, NQF Level 5, 15 Credits.
- ID 260137: Execute a strategic sourcing strategy, NQF Level 6, 6 Credits.
- ID 260077: Conduct initial assessment for strategic sourcing, NQF Level 6, 4 Credits.
- ID 260097: Develop a sourcing strategy, NQF Level 6, 8 Credits.
- ID 116353: Participate in the design and implementation of municipal supply chain management, NQF Level 5, 12 Credits.

**EXIT LEVEL OUTCOMES**

1. Demonstrate an understanding of the supply chain management environment within an organisation.
2. Demonstrate an understanding of the influence of performance and risk within a supply chain management environment.
3. Contribute to the development of a supply chain strategy and operational plans for the organisation.
4. Execute a supply chain strategy for the organisation.

**Critical Cross-Field Outcomes**

This qualification promotes, in particular, the following Critical Cross-Field Outcomes:

1. Identifying and solving problems in which responses show that integrative thinking and critical analysis has been made when:

- Negotiating with suppliers.

- Analysing the industry to determine trends.
  - Involved in mediation processes.
2. Working effectively with others as a member of a inter-disciplinary team when:
- Maintaining relationships between supply chain partners.
3. Organising and managing oneself and one's activities responsibly and effectively when:
- Implementing supply chain management systems.
  - Assessing risks and providing input to continuous improvement process.
4. Communicating effectively with stakeholders and authorities when:
- Negotiating conditions of contracts with suppliers.
  - Implementing elements of the supply chain management environment.
5. Collecting, analysing, organising and critically evaluating information from various sources when:
- Identifying risk and performance within the supply chain.
  - Operating within the various functions within the supply chain environment.
6. Using science and technology effectively and showing responsibility towards the environment and health of others when:
- Establishing a competitive supply chain management infrastructure within specific area of responsibility and in line with strategic objectives.
7. Demonstrating an understanding of the world as a set of related systems by recognising the complex and dynamic nature of these systems as well as the inter-relationships and linkages that exist between systems when:
- Understanding and applying benchmarked procurement processes.
  - Contributing to the strategy of Supply Chain Management.
8. Being culturally and aesthetically sensitive to the social and cultural systems of others when:
- Evaluating the influences of key elements in a supply chain.
  - Securing products and services from international and local suppliers.

#### **ASSOCIATED ASSESSMENT CRITERIA**

Associated Assessment Criteria for Exit Level Outcome 1:

1.1 Legislation and key government initiatives are discussed in relation to the supply chain management environment.

- Range: Legislation includes but is not limited to the Constitution of South Africa, Broad-based Black Economic Empowerment Act, Public Finance Management Act, Municipal Finance Management Act, Preferential Procurement Policy Framework Act, Small Business Development Act, Prevention and Combating of Corrupt Activities Act, Customs and Excise Duties Act, Occupational Health and Safety Act, related regulations, policies, prescripts, practice notes and circulars. Key Government Initiatives include but are not limited to ASGISA, Proudly South African, Extended Public Works Programme, NEPAD, SME's Development, Competitive Supplier Development Programme.

1.2 Demand management is analysed to reflect its relationship and influence on supply chain management and operations.

- Range: Demand management includes but is not limited to planning, budgeting, specifications, terms of reference, industry and commodity analysis.

1.3 The role and scope of acquisition management (purchasing/procurement) are analysed to reflect their impact on supply chain management and operations.

- Range: Acquisition management includes but is not limited to determining the procurement methods and sourcing strategies, evaluation of offers and awarding of contracts, contract management.

1.4 The principles of logistics/materials management are discussed to reflect their role in and impact on supply chain management and operations.

- Range: Logistics/materials management includes but is not limited to the management of inventories, warehouses, quality, distribution and transport.

1.5 Disposal management is explained by focusing on its impact on supply chain management and operations.

- Range: Disposal management includes but is not limited to redundancy and obsolescence of assets.

Associated Assessment Criteria for Exit Level Outcome 2:

2.1 Business processes are evaluated to determine potential risks to the supply chain management environment.

2.2 Potential risks are identified to reflect their impact on a business unit.

2.3 Contingency plans for managing risks are developed, tested and reviewed to improve the performance of the supply chain.

2.4 Performance management is explained by focusing on its influence on performance and risk within a supply chain management environment.

- Range: Performance management includes but is not limited to objectives of the supply chain management unit, factors affecting performance, vendor assessment.

2.5 Indicators for a supply chain performance management system are developed in order to implement a supply chain performance management system.

- Range: Indicators include but are not limited to percentage of problem suppliers, number of active suppliers per supply employee, requested time in full (RTIF), percentage of uninterrupted orders, forecast accuracy, product lead time, percentage of orders that were captured with incorrect attributes, percentage of orders that were delivered with requested documentation, percentage of orders delivered with damaged products/items, size of safety stock, percentage of safety stock used, percentage of EDI transactions, percentage of slow moving products, percentage of time spent picking back orders, sales order by FTE, inventory accuracy, manufacturing cycle time, delivery schedule adherence (DSA), scrap value percentage.

2.6 The performance of the business in meeting its objectives is assessed in order to identify potential improvements to the business.

Associated Assessment Criteria for Exit Level Outcome 3:

3.1 Concepts of supply chain management are analysed to reflect their relationship and influence on supply chain management and operations.

- Range: Concepts include but are not limited to supply chain management, supply chain management objectives, elements of supply chain management, relationships in supply chain, current market trends, industry specific supply chain management benchmarks.

3.2 Contributions are made towards a supply chain strategy for the organisation in support of the overall strategic business plan and operational plan.

- Range: Contributions include but are not limited to specialised key performance areas, key performance indicators, budget, responsible divisions, overall vision and mission of the supply chain management team, contingencies.

3.3 The effectiveness of supply chain performance is measured and evaluated against the strategic and operational plans.

3.4 Innovative system development activities are identified to improve the performance of the supply chain.

3.5 Recommendations are made to improve implementation in order to aid the effectiveness of the supply chain.

Associated Assessment Criteria for Exit Level Outcome 4:

4.1 The supply chain strategy is communicated to all relevant stakeholders.

- Range: Communication includes but is not limited to internal, external, bidding/negotiation process, bids evaluation, supplier selection, approval, negotiations planning/conducting based on strategy, contracts development/negotiation.

4.2 Strategic relationships within the supply chain are established to contribute to the implementation of the strategy.

4.3 Improvements to the supply chain are proposed and introduced to contribute to the effective implementation in a specific area of responsibility within the supply chain management environment.

4.4 A supply chain strategy is executed reflecting an understanding of operational aspects and their impact and influence on supply chain management.

4.5 A supply chain strategy is executed reflecting an understanding of the significance of the risk and performance management plans to the execution of the strategy.

4.6 Change management is implemented as dictated by the strategy.

### **INTERNATIONAL COMPARABILITY**

The international comparability study conducted specifically focused on identifying occupational standards or qualifications used in other countries that might contain indicators of best practice that could be used for comparison to or in the development of the supply chain management qualifications at level 5.

The following possible best practice examples were identified:

- Units and Elements in relevant functional areas, especially Procurement and Contracting and Transport and Distribution, within the Australian Qualifications Framework.
- Functional tasks and job profiles at four levels developed by the Dutch Purchasing Association (NEVI).
- Functional tasks and job profiles at two levels across 7 sectors developed by the US Institute of Supply Management.
- The Supply Chain processes underlying the SCOR model developed by the US Supply-Chain Council.
- These were therefore considered during the generation and wider consultation processes with specific reference to functional analysis and occupational mapping processes.

In general terms Purchasing, Operations, Logistics and Supply Chain Management were well covered by the above examples but coverage of International Trade and Export is limited. Only the Australian qualifications are broken down into competence based Units and Elements. The US/International CPM and the Dutch NEVI qualification test knowledge alone. The SCOR model is designed to assist in improving supply chain performance, and is not related to any qualification, but could be used to restructure organisations to provide a better flow of information and materials.

Of the other countries identified, Germany and Japan were not pursued in great depth due to their different educational systems, and their more technical engineering based approach to purchasing.

The data collection process included the following:

- An extensive Internet search focussing on the countries identified as best practice countries.
- Follow-up by email to obtain more detailed information especially in relation to case studies.
- Contacting professional and academic colleagues in target countries with direct involvement in the development or application of relevant vocational qualifications.

This international comparability report will:

- Identify the main examples identified by the desk research.
- Present their content concisely at Qualification and Unit title level.
- Provide case study evidence, where available.
- Give a brief assessment of their value for this qualification.

Australia:

Australia has a national framework for competence based vocational qualifications similar to that in the South Africa, although accreditation is delegated to States. The Australian National Training Authority (ANTA) is responsible for its maintenance and development. The detail of Qualifications, Units and Elements is available from the National Training Information Service. The following courses relevant to various areas covered in the level 5 qualification are listed on the NTIS site under Courses/Qualifications:

Purchasing:

National Code; State Code; Course Name; Course Expires:

- 11171VIC; VI2604AGC; Advanced Diploma of Purchasing and Materials Management; 31/12/2003.
- 40036SA; SAACN; Certificate III in Purchasing; 31/01/2005.
- 11165VIC; VI2304AKC; Certificate III in Purchasing and Materials Management; 31/12/2003.
- 50191; 21408TPWA; Certificate IV in Contracting and Purchasing Management; 30/06/2004.
- 90862NSW; 113688; Certificate IV in Purchasing and Supply Management; 30/06/2005.
- 11166VIC; VI2404AMC; Certificate IV in Purchasing and Materials Management; 31/12/2003.
- 50195; 21412TPWA; Diploma of Contracting and Purchasing Management; 30/06/2004.
- 11167VIC; VI2504AJC; Diploma of Purchasing and Materials Management; 31/12/2003.

The absence of courses at Certificate Levels I and II indicates that few people operate at these levels in the Purchasing function. AUR20599 Certificate II in Automotive (Administration-Vehicle Valuating/Purchasing).

Units of Competency in Sales, Purchasing and Storage are included in this qualification and they include, for example, the following of direct relevance to the South African NQF Level 5 qualification:

- AUR37608A Carry out stock control procedures.
- AUR37637A Maintain stock control.
- AUR38038A Plan and organise stock.
- AUR39508A Carry out warehousing procedures.
- AUR39608A Carry out inventory procedures.
- AUR44455A Contract for external service provision.
- AUR44155A Purchase parts/components/materials.

Transport and Distribution:

National Code; State Code; Course Name; Course Expires:

- 15026AC; AC98/2601; Advanced Diploma of Transport and Distribution (Road Transport); 30/12/2003.
- 15598VIC; Certificate I in Vocational Studies (Transport and Distribution); 30/06/2004.
- 30006QLD; Certificate III in Transport and Distribution (Bulk Grain Handling); 29/09/2004.

- 12652N; NTRP649; Course in Workplace Assessor Training (Transport and Distribution); 31/12/2002.
- 15025AC; AC98/2597; Diploma of Transport and Distribution (Road Transport); 30/12/2003.
- 80183AC; 98/2601; Diploma of Transport and Distribution (Road Transport)-RACT Operator Movements; 30/12/2003.
- 15062AC; 98/2600; Diploma of Transport and Distribution (Stevedoring); 30/12/2003.
- 15238AC; Diploma of Transport and Distribution (Stevedoring); 30/12/2003.
- 80342ACT; 99/909; Diploma of Transport and Distribution (Stevedoring); 30/12/2003.

Whilst these courses are not competency based, National Qualifications are offered which are based upon Competency Standards and incorporate Units and Elements. These are at all levels, and at the level of this South African qualification include the following options:

- TDT41102 Certificate IV in Transport and Distribution Administration.
- TDA40203 Certificate IV in Transport (Aviation Flight Operations).
- TDM40201 Certificate IV in Transport and Distribution (Marine Engineering).
- TDT40998 Certificate IV in Transport and Distribution (Mobile Crane Operations).
- TDT40798 Certificate IV in Transport and Distribution (Rail Civil Infrastructure).
- TDT40698 Certificate IV in Transport and Distribution (Rail Freight Services).
- TDT40702 Certificate IV in Transport and Distribution (Rail Infrastructure).
- TDT40402 Certificate IV in Transport and Distribution (Rail Operations).
- TDT40598 Certificate IV in Transport and Distribution (Rail Passenger Services).
- TDT40202 Certificate IV in Transport and Distribution (Road Transport).
- TDT40302 Certificate IV in Transport and Distribution (Stevedoring).
- TDT40102 Certificate IV in Transport and Distribution (Warehousing and Storage).
- TDT40197 Certificate IV in Transport and Distribution (Warehousing).

#### International Trade:

National Code; State Code; Course Name; Course Expires:

- 10827QLD; Advanced Diploma of Australian and International Trade Facilitation; 31/12/2003.
- 21384VIC; 21384VIC; Advanced Diploma of Business (International Trade); 31/12/2007.
- 11418NSW; 819; Certificate IV in Australian and International Trade Facilitation; 31/12/2003.
- 21420VIC; 21420VIC; Certificate IV in Business (International Trade); 31/12/2004.
- 21382VIC; 21382VIC; Certificate IV in Business (International Trade); 31/12/2007.
- 40188SA; 40188SA; Certificate IV in International Trade Operations; 31/12/2005.
- 21421VIC; 21421 VIC; Diploma of Business (International Trade); 31/12/2004.
- 21383 VIC; 21383VIC; Diploma of Business (International Trade); 31/12/2007.
- 40189SA; 40189SA; Diploma of International Trade Management; 31/12/2005.

Of direct relevance to Export competencies in the qualifications are:

- 10827QLD Advanced Diploma of Australian and International Trade Facilitation.
- 11418NSW Certificate IV in Australian and International Trade.

#### Public Sector:

Within the framework of the Australian Public Sector Training competencies, competency based qualifications in Procurement and Contracting have been developed at Certificate IV level, with an Advanced Diploma of Government in Contract Management. There are also Certificate IV and Diploma qualifications in Project Management. These are fully accredited by ANTA.

#### Netherlands:

In 1993, the Dutch Association of Purchasing Management (NEVI) commissioned a study into the job profiles of purchasing professionals. This resulted in a list of several hundred tasks divided into 10 task domains. This work was reviewed in the PIO 2000 Project in the light of changing trends in the profession, resulting in a revised list of approximately eighty tasks, subdivided as follows:

- Management (development of purchasing policies, management of the purchasing organisation and processes aimed at improving the organisation).
- Information and communication (communication with internal as well as with external sectors, information technology and globalisation).
- Initial purchase (specification of needs, selecting suppliers, contracting suppliers).
- Operational purchasing (ordering goods and services, monitoring the buying process and after-care, evaluation and administrative conclusion of the purchasing process).

United States of America:

Certified Purchasing Manager (CPM).

Since 1974 the CPM has been the leading international professional qualification in terms of numbers of qualified purchasing staff. The qualification consists of a wide range of multiple choice questions based upon the results of a job analysis study.

The job analysis resulted in 100 tasks, of which 64 are applicable to a majority of business sectors (manufacturing, U.S. federal government, state/local government, institutional, services, retail, food/agriculture) at the purchasing and supply manager level. Of these 64 tasks, 41 were also applicable to a majority of sectors at the buyer level as well (the job analysis broke out two levels: buyer and purchasing and supply manager).

The revised CPM is structured into 4 modules as set out below:

- **MODULE 1 Purchasing Process:** Contains 20 tasks and includes sections on identifying requirements; preparation of solicitations; supplier analysis; and contract execution, implementation, and administration.
- **MODULE 2 Supply Environment:** Contains 17 tasks and includes sections on negotiations, information technology, quality issues, internal relationships, and external relationships.
- **MODULE 3 Value Enhancement Strategies:** Contains 16 tasks and includes sections on sourcing analysis, supply and inventory management, value enhancing methods, and forecasting and strategies.
- **MODULE 4 Management:** Contains 14 tasks and includes sections on management and organization, and human resources management.

Supply Chain Operations Reference (SCOR) model (Supply Chain Council):

Whilst the above examples have been primarily focussed on vocational qualifications, the SCOR model was developed to provide a basis for supply chain improvement by examining and measuring their supply chain processes, determining where weak links exist and identifying where to make improvements. It was developed and is maintained by the Supply-Chain Council which has some 750 corporate members worldwide.

The main potential value of the SCOR model to the South African qualifications lies in the supply chain functional map which underlies the model, based upon the activities Enable, Plan, Source, Make, Deliver, Return. This covers most of the functions within the qualifications, although reference to International Trade is limited to one category entitled 'Import/Export'. There is extensive evidence of implementation of the model in improving supply chain processes. The Supply-Chain Council makes Awards for Excellence in Supply Chain Operations and

Management: recent winners include Siemens, United States Airforce Oklahoma City Air Logistics Center and SCA Technologies LLC.

Other Countries:

Japan, Germany and South Africa were also identified as possible sources of best practice. Whilst the former is the source of much of the innovation in supply chain functions, particularly in manufacturing, in recent years, differences in educational systems, the largely engineering/technical background of purchasing practitioners precluded a detailed assessment of Japan.

Germany's dual educational system, whereby academic and technical schools provide choice at secondary level, also differs from that in SA, and there is, as with Japan, a tendency for purchasers to have a technical background. Personal contacts at the German Association for Materials Management, Purchasing and Logistics (BME) were not aware of any initiatives in Germany relevant to this standards generation project.

Conclusion:

The identification of tasks and job profiles is based upon a sound methodology and extensive consultation with practitioners, resulting in valid and credible outputs that informed the development of the qualification and unit standards. Useful comparisons may be drawn between the environmental trends identified in the best practice countries and those affecting the competencies covered in this qualification and unit standards.

#### **ARTICULATION OPTIONS**

Vertical Articulation:

- ID 62089: National Diploma: Supply Chain Management, NQF Level 6, 240 Credits.

Horizontal Articulation:

- ID 58473: National Diploma: Freight Handling Logistics, NQF Level 5, 242 Credits.
- ID 59299: National Certificate: Wholesale and Retail: Buying Planning, NQF Level 5, 120 Credits.
- ID 59201: National Certificate: Generic Management, NQF Level 5, 162 Credits.

#### **MODERATION OPTIONS**

- Anyone assessing a learner or moderating the assessment of a learner against this Qualification must be registered as an assessor with an appropriate Education, Training, Quality Assurance (ETQA) Body or with an ETQA that has a Memorandum of Understanding 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 a Memorandum of Understanding with the relevant ETQA.
- Moderation of assessment will be overseen by the relevant ETQA or by an ETQA that has a Memorandum of Understanding with the relevant ETQA, according to the ETQA's policies and guidelines for assessment and moderation.
- Moderation must include both internal and external moderation of assessments at 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 in the exit level outcomes described in the Qualification.

**CRITERIA FOR THE REGISTRATION OF ASSESSORS**

For an applicant to register as an assessor, the applicant needs:

- Well-developed interpersonal skills, and subject matter experience.
- To be competent in the planning and conducting assessment of learning outcomes as described in the unit standards Plan and Conduct assessment of Learning outcomes NQF Level 5.
- Well-developed subject matter expertise in supply chain management.
- A relevant tertiary qualification at NQF Level 6 or higher.
- 3 years experience in the relevant field.
- To be registered as an with the relevant Education and Training Quality Assurance Body.

**NOTES**

N/A

**UNIT STANDARDS**

	ID	UNIT STANDARD TITLE	LEVEL	CREDITS
Fundamental	336713	Demonstrate an understanding of the supply chain environment	Level 5	10
Fundamental	336709	Evaluate the influences of key components in a supply chain	Level 5	8
Fundamental	252267	Negotiate with suppliers	Level 5	12
Core	336702	Analyse and apply management practices within the supply chain	Level 5	10
Core	336710	Develop and implement supply chain performance management systems	Level 5	10
Core	336708	Facilitate processes to ensure the integration of supply chain information.	Level 5	8
Core	336719	Manage relationships between supply chain partners	Level 5	10
Core	252025	Monitor, assess and manage risk	Level 5	8
Core	336711	Demonstrate an understanding of the key elements in developing strategies to optimise operational supply	Level 6	8
Core	336706	Establish a competitive supply chain infrastructure	Level 6	10
Core	336712	Outline the philosophy of Supply Chain Management	Level 6	6
Elective	13945	Describe and apply the management of stock and fixed assets in a business unit	Level 4	2
Elective	119345	Apply principles, regulations and legislation underlying supply chain management in the public sector	Level 5	15
Elective	336701	Demonstrate an understanding of the fundamental principles of the economy	Level 5	8
Elective	336707	Demonstrate an understanding of the key issues important for compliance with corporate governance principles and social responsibility	Level 5	6
Elective	336699	Demonstrate an understanding of the principles of marketing	Level 5	5
Elective	336679	Manage in and out sourcing	Level 5	4
Elective	336704	Prepare products for transportation; manage the return of goods and warehousing	Level 5	10
Elective	336681	Process customer orders	Level 5	5
Elective	336741	Schedule production activities	Level 5	5
Elective	336740	Analyse logistics systems and implement appropriate strategic plans	Level 6	8
Elective	242914	Apply the principles and theories of public sector project management	Level 6	12
Elective	336720	Conduct demand forecasting and develop supply and capacity plans to meet demand	Level 6	8
Elective	260077	Conduct initial assessment for strategic sourcing	Level 6	4
Elective	336680	Create sustainable value through appropriate cost and pricing strategies	Level 6	10
Elective	336705	Demonstrate an understanding of the fundamentals of international trade and execute international purchases	Level 6	5
Elective	336739	Demonstrate an understanding of the key concepts and elements of strategic supply chain management	Level 6	13

	<b>ID</b>	<b>UNIT STANDARD TITLE</b>	<b>LEVEL</b>	<b>CREDITS</b>
Elective	336703	Design a distribution network	Level 6	5
Elective	260097	Develop a sourcing strategy	Level 6	8
Elective	336742	Develop and implement optimal inventory strategies	Level 6	8
Elective	260137	Execute a strategic sourcing strategy	Level 6	6
Elective	336700	Lead and influence the supply chain management environment	Level 6	13
Elective	116353	Participate in the design and implementation of municipal supply chain management	Level 6	12

**LEARNING PROGRAMMES RECORDED AGAINST THIS QUALIFICATION**

**None**



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

**UNIT STANDARD:****Manage in and out sourcing**

<b>SAQA US ID</b>	<b>UNIT STANDARD TITLE</b>		
336679	Manage in and out sourcing		
<b>ORIGINATOR</b>		<b>PROVIDER</b>	
SGB Procurement, Logistics and Supply Chain Mngt			
<b>FIELD</b>		<b>SUBFIELD</b>	
3 - Business, Commerce and Management Studies		Procurement	
<b>ABET BAND</b>	<b>UNIT STANDARD TYPE</b>	<b>NQF LEVEL</b>	<b>CREDITS</b>
Undefined	Regular	Level 5	4

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

**SPECIFIC OUTCOME 1**

Analyse the key elements of in and out sourcing.

**SPECIFIC OUTCOME 2**

Manage the process to take a make-or-buy (in sourcing/outsourcing) decision.

**SPECIFIC OUTCOME 3**

Evaluate the effectiveness of in and out sourcing.

**QUALIFICATIONS UTILISING THIS UNIT STANDARD**

	<b>ID</b>	<b>QUALIFICATION TITLE</b>	<b>LEVEL</b>
Elective	74149	National Certificate: Supply Chain Management	Level 5



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

**UNIT STANDARD:**

**Create sustainable value through appropriate cost and pricing strategies**

<b>SAQA US ID</b>	<b>UNIT STANDARD TITLE</b>		
336680	Create sustainable value through appropriate cost and pricing strategies		
<b>ORIGINATOR</b>		<b>PROVIDER</b>	
SGB Procurement, Logistics and Supply Chain Mngt			
<b>FIELD</b>		<b>SUBFIELD</b>	
3 - Business, Commerce and Management Studies		Procurement	
<b>ABET BAND</b>	<b>UNIT STANDARD TYPE</b>	<b>NQF LEVEL</b>	<b>CREDITS</b>
Undefined	Regular	Level 6	10

**This unit standard replaces:**

US ID	Unit Standard Title	NQF Level	Credits	Replacement Status
256432	Create sustainable value through appropriate cost and pricing strategies	Level 6	15	Will occur as soon as 336680 is registered

**SPECIFIC OUTCOME 1**

Analyse 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**

Use cost and target based pricing to determine prices.

**QUALIFICATIONS UTILISING THIS UNIT STANDARD**

	ID	QUALIFICATION TITLE	LEVEL
Elective	74149	National Certificate: Supply Chain Management	Level 5



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

**UNIT STANDARD:****Process customer orders**

<b>SAQA US ID</b>	<b>UNIT STANDARD TITLE</b>		
336681	Process customer orders		
<b>ORIGINATOR</b>		<b>PROVIDER</b>	
SGB Procurement, Logistics and Supply Chain Mngt			
<b>FIELD</b>		<b>SUBFIELD</b>	
3 - Business, Commerce and Management Studies		Procurement	
<b>ABET BAND</b>	<b>UNIT STANDARD TYPE</b>	<b>NQF LEVEL</b>	<b>CREDITS</b>
Undefined	Regular	Level 5	5

**This unit standard replaces:**

US ID	Unit Standard Title	NQF Level	Credits	Replacement Status
256426	Processing customer orders	Level 6	3	Will occur as soon as 336681 is registered

**SPECIFIC OUTCOME 1**

Evaluate and execute the fundamental order process.

**SPECIFIC OUTCOME 2**

Evaluate and execute the distribution process.

**SPECIFIC OUTCOME 3**

Analyse and use the key concepts in distribution.

**QUALIFICATIONS UTILISING THIS UNIT STANDARD**

	ID	QUALIFICATION TITLE	LEVEL
Elective	74149	National Certificate: Supply Chain Management	Level 5



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

**UNIT STANDARD:*****Demonstrate an understanding of the principles of marketing***

<b>SAQA US ID</b>	<b>UNIT STANDARD TITLE</b>		
336699	Demonstrate an understanding of the principles of marketing		
<b>ORIGINATOR</b>		<b>PROVIDER</b>	
SGB Procurement, Logistics and Supply Chain Mngt			
<b>FIELD</b>		<b>SUBFIELD</b>	
3 - Business, Commerce and Management Studies		Procurement	
<b>ABET BAND</b>	<b>UNIT STANDARD TYPE</b>	<b>NQF LEVEL</b>	<b>CREDITS</b>
Undefined	Regular	Level 5	5

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

**SPECIFIC OUTCOME 1**

Analyse the main principles of marketing.

**SPECIFIC OUTCOME 2**

Determine the relationship between the strategic analysis process and the development of a marketing strategy and plan.

**SPECIFIC OUTCOME 3**

Evaluate 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.

**QUALIFICATIONS UTILISING THIS UNIT STANDARD**

	<b>ID</b>	<b>QUALIFICATION TITLE</b>	<b>LEVEL</b>
Elective	74149	National Certificate: Supply Chain Management	Level 5



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

**UNIT STANDARD:****Lead and influence the supply chain management environment**

<b>SAQA US ID</b>	<b>UNIT STANDARD TITLE</b>		
336700	Lead and influence the supply chain management environment		
<b>ORIGINATOR</b>	<b>PROVIDER</b>		
SGB Procurement, Logistics and Supply Chain Mngt			
<b>FIELD</b>	<b>SUBFIELD</b>		
3 - Business, Commerce and Management Studies	Procurement		
<b>ABET BAND</b>	<b>UNIT STANDARD TYPE</b>	<b>NQF LEVEL</b>	<b>CREDITS</b>
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**

Lead and manage the supply chain management environment.

**SPECIFIC OUTCOME 2**

Lead and influence the supply chain.

**SPECIFIC OUTCOME 3**

Develop a culture of productivity through people.

**SPECIFIC OUTCOME 4**

Lead Change in the Supply Chain.

**QUALIFICATIONS UTILISING THIS UNIT STANDARD**

	<b>ID</b>	<b>QUALIFICATION TITLE</b>	<b>LEVEL</b>
Elective	74149	National Certificate: Supply Chain Management	Level 5



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

**UNIT STANDARD:*****Demonstrate an understanding of the fundamental principles of the economy***

<b>SAQA US ID</b>	<b>UNIT STANDARD TITLE</b>		
336701	Demonstrate an understanding of the fundamental principles of the economy		
<b>ORIGINATOR</b>		<b>PROVIDER</b>	
SGB Procurement, Logistics and Supply Chain Mngt			
<b>FIELD</b>	<b>SUBFIELD</b>		
3 - Business, Commerce and Management Studies	Procurement		
<b>ABET BAND</b>	<b>UNIT STANDARD TYPE</b>	<b>NQF LEVEL</b>	<b>CREDITS</b>
Undefined	Regular	Level 5	8

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

**SPECIFIC OUTCOME 1**

Analyse and discuss the main principles of the economy and economics.

**SPECIFIC OUTCOME 2**

Evaluate different economic schools of thought.

**SPECIFIC OUTCOME 3**

Analyse issues of development and the challenges facing developing economies.

**SPECIFIC OUTCOME 4**

Evaluate and utilise the fundamental concepts of economics.

**SPECIFIC OUTCOME 5**

Evaluate main types of market structures.

**SPECIFIC OUTCOME 6**

Evaluate the role of government and other key stakeholders in the economy in facilitating the implementation of a Supply Chain Philosophy.

**QUALIFICATIONS UTILISING THIS UNIT STANDARD**

	<b>ID</b>	<b>QUALIFICATION TITLE</b>	<b>LEVEL</b>
Elective	74149	National Certificate: Supply Chain Management	Level 5



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

**UNIT STANDARD:****Analyse and apply management practices within the supply chain**

<b>SAQA US ID</b>	<b>UNIT STANDARD TITLE</b>		
336702	Analyse and apply management practices within the supply chain		
<b>ORIGINATOR</b>	<b>PROVIDER</b>		
SGB Procurement, Logistics and Supply Chain Mngt			
<b>FIELD</b>	<b>SUBFIELD</b>		
3 - Business, Commerce and Management Studies	Procurement		
<b>ABET BAND</b>	<b>UNIT STANDARD TYPE</b>	<b>NQF LEVEL</b>	<b>CREDITS</b>
Undefined	Regular	Level 5	10

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

**SPECIFIC OUTCOME 1**

Interpret the origins and evolution of management practices.

**SPECIFIC OUTCOME 2**

Use a set of principles and pro forma formats to evaluate the effectiveness of basic management practices within a supply chain.

**SPECIFIC OUTCOME 3**

Apply basic management practices within the supply chain.

**QUALIFICATIONS UTILISING THIS UNIT STANDARD**

	<b>ID</b>	<b>QUALIFICATION TITLE</b>	<b>LEVEL</b>
Core	74149	National Certificate: Supply Chain Management	Level 5



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

**UNIT STANDARD:*****Design a distribution network***

<b>SAQA US ID</b>	<b>UNIT STANDARD TITLE</b>		
336703	Design a distribution network		
<b>ORIGINATOR</b>			<b>PROVIDER</b>
SGB Procurement, Logistics and Supply Chain Mngt			
<b>FIELD</b>			<b>SUBFIELD</b>
3 - Business, Commerce and Management Studies			Procurement
<b>ABET BAND</b>	<b>UNIT STANDARD TYPE</b>	<b>NQF LEVEL</b>	<b>CREDITS</b>
Undefined	Regular	Level 6	5

***This unit standard replaces:***

US ID	Unit Standard Title	NQF Level	Credits	Replacement Status
256418	Do distribution network design	Level 6	12	Will occur as soon as 336703 is registered

**SPECIFIC OUTCOME 1**

Establish distribution relationships with different stakeholders.

**SPECIFIC OUTCOME 2**

Design a distribution network.

**SPECIFIC OUTCOME 3**

Analyse the difference between distribution channels and distribution networks.

**QUALIFICATIONS UTILISING THIS UNIT STANDARD**

	ID	QUALIFICATION TITLE	LEVEL
Elective	74149	National Certificate: Supply Chain Management	Level 5



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

**UNIT STANDARD:****Prepare products for transportation; manage the return of goods and warehousing**

<b>SAQA US ID</b>	<b>UNIT STANDARD TITLE</b>		
336704	Prepare products for transportation; manage the return of goods and warehousing		
<b>ORIGINATOR</b>		<b>PROVIDER</b>	
SGB Procurement, Logistics and Supply Chain Mngt			
<b>FIELD</b>		<b>SUBFIELD</b>	
3 - Business, Commerce and Management Studies		Procurement	
<b>ABET BAND</b>	<b>UNIT STANDARD TYPE</b>	<b>NQF LEVEL</b>	<b>CREDITS</b>
Undefined	Regular	Level 5	10

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

**SPECIFIC OUTCOME 1**

Manage warehousing.

**SPECIFIC OUTCOME 2**

Manage the return of goods.

**SPECIFIC OUTCOME 3**

Prepare products for transportation.

**QUALIFICATIONS UTILISING THIS UNIT STANDARD**

	<b>ID</b>	<b>QUALIFICATION TITLE</b>	<b>LEVEL</b>
Elective	74149	National Certificate: Supply Chain Management	Level 5



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

**UNIT STANDARD:**

***Demonstrate an understanding of the fundamentals of international trade and execute international purchases***

<b>SAQA US ID</b>	<b>UNIT STANDARD TITLE</b>		
336705	Demonstrate an understanding of the fundamentals of international trade and execute international purchases		
<b>ORIGINATOR</b>		<b>PROVIDER</b>	
SGB Procurement, Logistics and Supply Chain Mngt			
<b>FIELD</b>		<b>SUBFIELD</b>	
3 - Business, Commerce and Management Studies		Procurement	
<b>ABET BAND</b>	<b>UNIT STANDARD TYPE</b>	<b>NQF LEVEL</b>	<b>CREDITS</b>
Undefined	Regular	Level 6	5

***This unit standard replaces:***

US ID	Unit Standard Title	NQF Level	Credits	Replacement Status
256395	Understand the fundamentals of international trade	Level 6	6	Will occur as soon as 336705 is registered
256428	Execute international purchases	Level 6	4	Will occur as soon as 336705 is registered

**SPECIFIC OUTCOME 1**

Analyse the fundamentals of international trade.

**SPECIFIC OUTCOME 2**

Assess the role of trade policy in facilitating or inhibiting international trade.

**SPECIFIC OUTCOME 3**

Analyse and apply the international trade process.

**SPECIFIC OUTCOME 4**

Analyse and apply the fundamentals of counter trade.

**QUALIFICATIONS UTILISING THIS UNIT STANDARD**

None



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

**UNIT STANDARD:*****Establish a competitive supply chain Infrastructure***

<b>SAQA US ID</b>	<b>UNIT STANDARD TITLE</b>		
336706	Establish a competitive supply chain infrastructure		
<b>ORIGINATOR</b>	<b>PROVIDER</b>		
SGB Procurement, Logistics and Supply Chain Mngt			
<b>FIELD</b>	<b>SUBFIELD</b>		
3 - Business, Commerce and Management Studies	Procurement		
<b>ABET BAND</b>	<b>UNIT STANDARD TYPE</b>	<b>NQF LEVEL</b>	<b>CREDITS</b>
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**

Use 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.

**SPECIFIC OUTCOME 4**

Initiate and participate in the establishment of supply chain organisational structures.

**QUALIFICATIONS UTILISING THIS UNIT STANDARD**

	<b>ID</b>	<b>QUALIFICATION TITLE</b>	<b>LEVEL</b>
Core	74149	National Certificate: Supply Chain Management	Level 5



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

**UNIT STANDARD:**

*Demonstrate an understanding of the key issues important for compliance with corporate governance principles and social responsibility*

SAQA US ID	UNIT STANDARD TITLE		
336707	Demonstrate an understanding of the key issues important for 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 5	6

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

**SPECIFIC OUTCOME 1**

Assess and apply the key issues critical for compliance with corporate governance principles.

**SPECIFIC OUTCOME 2**

Assess key procurement concepts to determine their impact on corporate governance and social responsibility.

**SPECIFIC OUTCOME 3**

Evaluate the legislative environment influencing corporate governance and social responsibility.

**QUALIFICATIONS UTILISING THIS UNIT STANDARD**

	ID	QUALIFICATION TITLE	LEVEL
Elective	74149	National Certificate: Supply Chain Management	Level 5



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

**UNIT STANDARD:**

***Facilitate processes to ensure the integration of supply chain information.***

<b>SAQA US ID</b>	<b>UNIT STANDARD TITLE</b>		
336708	Facilitate processes to ensure the integration of supply chain information.		
<b>ORIGINATOR</b>	<b>PROVIDER</b>		
SGB Procurement, Logistics and Supply Chain Mngt			
<b>FIELD</b>	<b>SUBFIELD</b>		
3 - Business, Commerce and Management Studies	Procurement		
<b>ABET BAND</b>	<b>UNIT STANDARD TYPE</b>	<b>NQF LEVEL</b>	<b>CREDITS</b>
Undefined	Regular	Level 5	8

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

**SPECIFIC OUTCOME 1**

Analyse information parameters that impact on the effectiveness of the supply chain.

**SPECIFIC OUTCOME 2**

Facilitate processes for effective decision making regarding supply chain information systems.

**SPECIFIC OUTCOME 3**

Analyse the effectiveness of and make recommendations to improve supply chain information systems.

**QUALIFICATIONS UTILISING THIS UNIT STANDARD**

	<b>ID</b>	<b>QUALIFICATION TITLE</b>	<b>LEVEL</b>
Core	74149	National Certificate: Supply Chain Management	Level 5



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

**UNIT STANDARD:***Evaluate the influences of key components in a supply chain*

<b>SAQA US ID</b>	<b>UNIT STANDARD TITLE</b>		
336709	Evaluate the influences of key components in a supply chain		
<b>ORIGINATOR</b>	<b>PROVIDER</b>		
SGB Procurement, Logistics and Supply Chain Mngt			
<b>FIELD</b>	<b>SUBFIELD</b>		
3 - Business, Commerce and Management Studies	Procurement		
<b>ABET BAND</b>	<b>UNIT STANDARD TYPE</b>	<b>NQF LEVEL</b>	<b>CREDITS</b>
Undefined	Regular	Level 5	8

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

**SPECIFIC OUTCOME 1**

Evaluate key influences on a supply chain environment.

**SPECIFIC OUTCOME 2**

Analyse and implement operational relationships within the supply chain.

**SPECIFIC OUTCOME 3**

Obtain and analyse information on the supply chain.

**SPECIFIC OUTCOME 4**

Apply improvements to the supply chain.

**QUALIFICATIONS UTILISING THIS UNIT STANDARD**

	<b>ID</b>	<b>QUALIFICATION TITLE</b>	<b>LEVEL</b>
Fundamental	74149	National Certificate: Supply Chain Management	Level 5



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

**UNIT STANDARD:*****Develop and implement supply chain performance management systems***

<b>SAQA US ID</b>	<b>UNIT STANDARD TITLE</b>		
336710	Develop and implement supply chain performance management systems		
<b>ORIGINATOR</b>	<b>PROVIDER</b>		
SGB Procurement, Logistics and Supply Chain Mngt			
<b>FIELD</b>	<b>SUBFIELD</b>		
3 - Business, Commerce and Management Studies	Procurement		
<b>ABET BAND</b>	<b>UNIT STANDARD TYPE</b>	<b>NQF LEVEL</b>	<b>CREDITS</b>
Undefined	Regular	Level 5	10

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

**SPECIFIC OUTCOME 1**

Define performance management.

**SPECIFIC OUTCOME 2**

Develop indicators for a supply chain performance management system.

**SPECIFIC OUTCOME 3**

Implement a supply chain performance management system.

**QUALIFICATIONS UTILISING THIS UNIT STANDARD**

	<b>ID</b>	<b>QUALIFICATION TITLE</b>	<b>LEVEL</b>
Core	74149	National Certificate: Supply Chain Management	Level 5



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

**UNIT STANDARD:**

***Demonstrate an understanding of the key elements in developing strategies to optimise operational supply***

<b>SAQA US ID</b>	<b>UNIT STANDARD TITLE</b>		
336711	Demonstrate an understanding of the key elements in developing strategies to optimise operational supply		
<b>ORIGINATOR</b>		<b>PROVIDER</b>	
SGB Procurement, Logistics and Supply Chain Mngt			
<b>FIELD</b>		<b>SUBFIELD</b>	
3 - Business, Commerce and Management Studies		Procurement	
<b>ABET BAND</b>	<b>UNIT STANDARD TYPE</b>	<b>NQF LEVEL</b>	<b>CREDITS</b>
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**

Analyse the influence of an organisation's strategy on the performance, supply chain and operational process types.

**SPECIFIC OUTCOME 2**

Evaluate the implications of pursuing specific performance objectives.

**SPECIFIC OUTCOME 3**

Assess key aspects influencing market and customer profiling.

**QUALIFICATIONS UTILISING THIS UNIT STANDARD**

	<b>ID</b>	<b>QUALIFICATION TITLE</b>	<b>LEVEL</b>
Core	74149	National Certificate: Supply Chain Management	Level 5



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

**UNIT STANDARD:*****Outline the philosophy of Supply Chain Management***

<b>SAQA US ID</b>	<b>UNIT STANDARD TITLE</b>		
336712	Outline the philosophy of Supply Chain Management		
<b>ORIGINATOR</b>			<b>PROVIDER</b>
SGB Procurement, Logistics and Supply Chain Mngt			
<b>FIELD</b>	<b>SUBFIELD</b>		
3 - Business, Commerce and Management Studies	Procurement		
<b>ABET BAND</b>	<b>UNIT STANDARD TYPE</b>	<b>NQF LEVEL</b>	<b>CREDITS</b>
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**

Interrogate the inter-relationship between the concept of Supply Chain Management and Demand, Acquisitions, Distribution and Logistics.

**SPECIFIC OUTCOME 2**

Map the Supply Chain and describe the benefits of applying the philosophy.

**SPECIFIC OUTCOME 3**

Identify areas within a supply chain that require improvements.

**QUALIFICATIONS UTILISING THIS UNIT STANDARD**

	<b>ID</b>	<b>QUALIFICATION TITLE</b>	<b>LEVEL</b>
Core	74149	National Certificate: Supply Chain Management	Level 5



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

**UNIT STANDARD:*****Demonstrate an understanding of the supply chain environment***

<b>SAQA US ID</b>	<b>UNIT STANDARD TITLE</b>		
336713	Demonstrate an understanding of the supply chain environment		
<b>ORIGINATOR</b>	<b>PROVIDER</b>		
SGB Procurement, Logistics and Supply Chain Mngt			
<b>FIELD</b>	<b>SUBFIELD</b>		
3 - Business, Commerce and Management Studies	Procurement		
<b>ABET BAND</b>	<b>UNIT STANDARD TYPE</b>	<b>NQF LEVEL</b>	<b>CREDITS</b>
Undefined	Regular	Level 5	10

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

**SPECIFIC OUTCOME 1**

Specify the difference between centralised and decentralised procurement.

**SPECIFIC OUTCOME 2**

Analyse the components and application of total cost of ownership (TCO) principles.

**SPECIFIC OUTCOME 3**

Conduct a supply market analysis.

**SPECIFIC OUTCOME 4**

Identify and analyse the process of selecting and evaluating suppliers.

**QUALIFICATIONS UTILISING THIS UNIT STANDARD**

	<b>ID</b>	<b>QUALIFICATION TITLE</b>	<b>LEVEL</b>
Fundamental	74149	National Certificate: Supply Chain Management	Level 5



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

**UNIT STANDARD:*****Manage relationships between supply chain partners***

<b>SAQA US ID</b>	<b>UNIT STANDARD TITLE</b>		
336719	Manage relationships between supply chain partners		
<b>ORIGINATOR</b>			<b>PROVIDER</b>
SGB Procurement, Logistics and Supply Chain Mngt			
<b>FIELD</b>	<b>SUBFIELD</b>		
3 - Business, Commerce and Management Studies	Procurement		
<b>ABET BAND</b>	<b>UNIT STANDARD TYPE</b>	<b>NQF LEVEL</b>	<b>CREDITS</b>
Undefined	Regular	Level 5	10

***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 relationship management strategies.

**SPECIFIC OUTCOME 2**

Analyse the relationship between supply chain partners and effective contract management.

**SPECIFIC OUTCOME 3**

Build and maintain good customer relationships.

**SPECIFIC OUTCOME 4**

Analyse ethical and professional issues relating to supplier and customer relations.

**QUALIFICATIONS UTILISING THIS UNIT STANDARD**

	<b>ID</b>	<b>QUALIFICATION TITLE</b>	<b>LEVEL</b>
Core	74149	National Certificate: Supply Chain Management	Level 5



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

**UNIT STANDARD:**

***Conduct demand forecasting and develop supply and capacity plans to meet demand***

<b>SAQA US ID</b>	<b>UNIT STANDARD TITLE</b>		
336720	Conduct demand forecasting and develop supply and capacity plans to meet demand		
<b>ORIGINATOR</b>		<b>PROVIDER</b>	
SGB Procurement, Logistics and Supply Chain Mngt			
<b>FIELD</b>		<b>SUBFIELD</b>	
3 - Business, Commerce and Management Studies		Procurement	
<b>ABET BAND</b>	<b>UNIT STANDARD TYPE</b>	<b>NQF LEVEL</b>	<b>CREDITS</b>
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**

Analyse the concept of demand.

**SPECIFIC OUTCOME 2**

Measure production capacity and forecast capacity demand.

**SPECIFIC OUTCOME 3**

Develop supply and capacity plans.

**SPECIFIC OUTCOME 4**

Analyse the key elements of forecasting.

**SPECIFIC OUTCOME 5**

Conduct demand forecasting.

**SPECIFIC OUTCOME 6**

Evaluate and control forecasts.

**QUALIFICATIONS UTILISING THIS UNIT STANDARD**

	<b>ID</b>	<b>QUALIFICATION TITLE</b>	<b>LEVEL</b>
Elective	74149	National Certificate: Supply Chain Management	Level 5



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

**UNIT STANDARD:**

***Demonstrate an understanding of the key concepts and elements of strategic supply chain management***

<b>SAQA US ID</b>	<b>UNIT STANDARD TITLE</b>		
336739	Demonstrate an understanding of the key concepts and elements of strategic supply chain management		
<b>ORIGINATOR</b>	<b>PROVIDER</b>		
SGB Procurement, Logistics and Supply Chain Mngt			
<b>FIELD</b>	<b>SUBFIELD</b>		
3 - Business, Commerce and Management Studies	Procurement		
<b>ABET BAND</b>	<b>UNIT STANDARD TYPE</b>	<b>NQF LEVEL</b>	<b>CREDITS</b>
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**

Analyse the concept of strategy and the process of developing corporate strategy.

**SPECIFIC OUTCOME 2**

Manage change processes directed towards achieving corporate strategy.

**SPECIFIC OUTCOME 3**

Analyse the contribution of strategic supply chain management to corporate strategy.

**SPECIFIC OUTCOME 4**

Evaluate concepts underlying strategic supply chain management.

**SPECIFIC OUTCOME 5**

Assess the idea of the global supply market as a source of competitive advantage.

**SPECIFIC OUTCOME 6**

Distinguish and assess various models of supply chain structures and relationships.

**QUALIFICATIONS UTILISING THIS UNIT STANDARD**

	<b>ID</b>	<b>QUALIFICATION TITLE</b>	<b>LEVEL</b>
Elective	74149	National Certificate: Supply Chain Management	Level 5



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

**UNIT STANDARD:****Analyse logistics systems and implement appropriate strategic plans**

<b>SAQA US ID</b>	<b>UNIT STANDARD TITLE</b>		
336740	Analyse logistics systems and implement appropriate strategic plans		
<b>ORIGINATOR</b>	<b>PROVIDER</b>		
SGB Procurement, Logistics and Supply Chain Mngt			
<b>FIELD</b>	<b>SUBFIELD</b>		
3 - Business, Commerce and Management Studies	Procurement		
<b>ABET BAND</b>	<b>UNIT STANDARD TYPE</b>	<b>NQF LEVEL</b>	<b>CREDITS</b>
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**

Analyse logistic systems.

**SPECIFIC OUTCOME 2**

Recommend areas for improvement.

**SPECIFIC OUTCOME 3**

Develop and implement strategic plans.

**QUALIFICATIONS UTILISING THIS UNIT STANDARD**

	<b>ID</b>	<b>QUALIFICATION TITLE</b>	<b>LEVEL</b>
Elective	74149	National Certificate: Supply Chain Management	Level 5



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

**UNIT STANDARD:****Schedule production activities**

<b>SAQA US ID</b>	<b>UNIT STANDARD TITLE</b>		
336741	Schedule production activities		
<b>ORIGINATOR</b>		<b>PROVIDER</b>	
SGB Procurement, Logistics and Supply Chain Mngt			
<b>FIELD</b>		<b>SUBFIELD</b>	
3 - Business, Commerce and Management Studies		Procurement	
<b>ABET BAND</b>	<b>UNIT STANDARD TYPE</b>	<b>NQF LEVEL</b>	<b>CREDITS</b>
Undefined	Regular	Level 5	5

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

**SPECIFIC OUTCOME 1**

Evaluate the key issues involved in scheduling production activities.

**SPECIFIC OUTCOME 2**

Apply priority and sequencing rules.

**SPECIFIC OUTCOME 3**

Use a variety of scheduling techniques and strategies for managing schedules.

**QUALIFICATIONS UTILISING THIS UNIT STANDARD**

	<b>ID</b>	<b>QUALIFICATION TITLE</b>	<b>LEVEL</b>
Elective	74149	National Certificate: Supply Chain Management	Level 5



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

**UNIT STANDARD:*****Develop and implement optimal inventory strategies***

<b>SAQA US ID</b>	<b>UNIT STANDARD TITLE</b>		
336742	Develop and implement optimal inventory strategies		
<b>ORIGINATOR</b>			<b>PROVIDER</b>
SGB Procurement, Logistics and Supply Chain Mngt			
<b>FIELD</b>			<b>SUBFIELD</b>
3 - Business, Commerce and Management Studies			Procurement
<b>ABET BAND</b>	<b>UNIT STANDARD TYPE</b>	<b>NQF LEVEL</b>	<b>CREDITS</b>
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**

Evaluate the concept of inventory.

**SPECIFIC OUTCOME 2**

Plan and develop an inventory system.

**SPECIFIC OUTCOME 3**

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

**QUALIFICATIONS UTILISING THIS UNIT STANDARD**

	<b>ID</b>	<b>QUALIFICATION TITLE</b>	<b>LEVEL</b>
Elective	74149	National Certificate: Supply Chain Management	Level 5