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GOVERNMENT NOTICES

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

No. 654

20 June 2008

**SOUTH AFRICAN QUALIFICATIONS AUTHORITY (SAQA)**

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

Secondary Agriculture: Processing

registered by Organising Field 01, Agriculture and Nature Conservation, publishes the following Unit Standard for public comment.

This notice contains the title, field, sub-field, NQF level, credits, and purpose of the Unit Standard. The full Unit Standard can be accessed via the SAQA web-site at www.saqa.org.za. Copies may also be obtained from the Directorate of Standards Setting and Development at the SAQA offices, SAQA House, 1067 Arcadia Street, Hatfield, Pretoria.

Comment on the Unit Standard should reach SAQA at the address below and ***no later than 18 July 2008***. All correspondence should be marked **Standards Setting – SGB for Secondary Agriculture: Processing** and addressed to

<p>The Director: Standards Setting and Development SAQA <i>Attention: Mr. D. Mphuthing</i> Postnet Suite 248 Private Bag X06 Waterkloof 0145 or faxed to 012 – 431-5144 e-mail: dmphuthing@saqa.org.za</p>
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DR. S. BHIKHA
DIRECTOR: STANDARDS SETTING AND DEVELOPMENT



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:***Demonstrate knowledge of abattoir hygiene and meat safety standards***

SAQA US ID	UNIT STANDARD TITLE		
256575	Demonstrate knowledge of abattoir hygiene and meat safety standards		
ORIGINATOR		PROVIDER	
SGB Secondary Agriculture: Processing			
FIELD		SUBFIELD	
1 - Agriculture and Nature Conservation		Secondary Agriculture	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 4	12

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

SPECIFIC OUTCOME 1

Explain meat safety and hygiene.

SPECIFIC OUTCOME 2

Assess the conformance status of the abattoir workplace environment.

SPECIFIC OUTCOME 3

Implement measures to ensure conformance.

SPECIFIC OUTCOME 4

Schedule communication resources to promote meat hygiene and safety standards.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

None

**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

Pharmacy

registered by Organising Field 09 – Health Sciences and Social Services, publishes the following Qualification and Unit Standards for public comment.

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

Comment on the Qualification and Unit Standards should reach SAQA at the address below and **no later than 18 July 2008**. All correspondence should be marked **Standards Setting – SGB for Pharmacy** and addressed to

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

DR. S. BHIKHA
DIRECTOR: STANDARDS SETTING AND DEVELOPMENT



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

QUALIFICATION:**Further Education and Training Certificate: Pharmacist Assistance**

SAQA QUAL ID	QUALIFICATION TITLE		
62589	Further Education and Training Certificate: Pharmacist Assistance		
ORIGINATOR		PROVIDER	
SGB Pharmacy			
QUALIFICATION TYPE	FIELD	SUBFIELD	
Further Ed and Training Cert	9 - Health Sciences and Social Services	Curative Health	
ABET BAND	MINIMUM CREDITS	NQF LEVEL	QUAL CLASS
Undefined	140	Level 4	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:

The purpose of the Further Education and Training Certificate: Pharmacist Assistance is to equip learners to further develop their competencies in the underlying principles of all the major areas related to the pharmaceutical environment. The Further Education and Training Certificate: Pharmacist Assistance forms part of the learning pathway in the pharmacy sector that is linked to the relevant career path. By assisting in the development of competence in this field the Further Education and Training Certificate: Pharmacist Assistance Certificate, in the long term, will assist in addressing the government's call for the training and development of an increased number of pharmaceutical professionals. It aims to provide learners with the technical competence as well as the personal and inter-personal skills required to make them effective members of the pharmaceutical community.

This qualification, similar to the National Certificate Pharmacist Assistance, NQF Level 3, is structured to accommodate training for the various categories of the pharmacy sector identified in the current legislation and thus requires learners, who wish to be registered with the South African Pharmacy Council upon completion of the Qualification, to select a specialisation field from the following:

- > Community Pharmacy.
- > Hospital Pharmacy.
- > Distribution of Pharmaceutical Goods.
- > Manufacture of Pharmaceutical Goods.

Rationale:

Given the rapid development of science and technology in the modern world, it is extremely challenging to develop suitable training that will remain relevant in an ever-changing environment. The Further Education and Training Certificate: Pharmacist Assistance is aimed at developing the core technical knowledge and personal skills needed by pharmacy assistants that will enable them to perform their functions by applying their skills to new technological and scientific developments. These skills should enable them to adapt to the changing environment and still meet the needs of pharmacy and the changing health-care system. The emphasis of the

qualification is on quality and relevance to both the current and the future needs of the country and customers. The main requirement in the market today is for individuals who are well educated and trained in the fundamentals of their field and practiced in applying these skills to real situations and problems. The Further Education and Training Certificate: Pharmacist Assistance aims to produce learners who are able to solve multidisciplinary problems, use technology and apply non-disciplinary skills (communication, teamwork, leadership, etc). This also addresses the key objectives of the national HRD Strategy.

The Further Education and Training Certificate: Pharmacist Assistance is designed to meet the needs of learners who have completed the National Certificate: Pharmacist Assistance, Level 3 and who wish to further their competencies in this field. While the subfield at present is listed as Curative Health the qualification also includes Preventative Health, Promotive Health and Development Services, Curative Health and Rehabilitative Health Services.

The Further Education and Training Certificate: Pharmacist Assistance will not only allow access to the pharmaceutical field, but may also open up opportunities for adult learners who wish to develop their careers in one or more of the related sectors. Through the integration of theoretical understanding and workplace learning, the learner may develop skills, knowledge and understanding that will directly improve performance in the work environment.

RECOGNIZE PREVIOUS LEARNING?

Y

LEARNING ASSUMED IN PLACE

It is assumed that learners are competent in:

- > Communication at NQF Level 3.
- > Mathematical Literacy at NQF Level 3.

Recognition of Prior Learning:

This qualification can be achieved in part through the Recognition of Prior Learning (RPL). Learners are required to complete a practical component for the purpose of registration with the South Africa Pharmacy Council and this precludes the awarding of the complete qualification to learners through RPL assessment. This implies that the qualification may be granted to learners who have:

- > Acquired the skills and knowledge without attending formal courses providing they can demonstrate competence in the outcomes of the individual Unit Standards as required by the Fundamental, Core and Elective areas stipulated in the Qualification and by the Exit Level Outcomes.
- > Completed the experiential learning required by the South African Pharmacy Council.

Learners submitting themselves for RPL should be thoroughly briefed prior to the assessment, and may be required to submit a Portfolio of Evidence in the prescribed format and/or undergo a workplace assessment to be assessed for formal recognition. While this is primarily a workplace-based Qualification, evidence from other areas of endeavour may be introduced if pertinent to any of the exit level outcomes.

Access to the Qualification:

Access to the qualification is open to all people who:

- > Are registered as Pharmacist's Assistant (Post Basic) Learners with the South African Pharmacy Council.
- > Are in a contractual arrangement within a registered pharmacy.

> Have completed the National Certificate: Pharmacist Assistance, NQF Level 3.

QUALIFICATION RULES

The Qualification consists of a Fundamental, a Core and an Elective Component.

To be awarded the Qualification learners are required to obtain a minimum of 140 credits as detailed below.

Fundamental component:

The Fundamental Component consists of Unit Standards in:

- > Mathematical Literacy at NQF Level 4 to the value of 16 credits.
- > Communication at NQF Level 4 in a First South African Language to the value of 20 credits.
- > Communication in a Second South African Language at NQF Level 3 to the value of 20 credits.

It is compulsory therefore for learners to do Communication in two different South African languages, one at NQF Level 4 and the other at NQF Level 3.

All Unit Standards in the Fundamental Component are compulsory.

Core component:

The Core Component consists of Unit Standards to the value of 61 credits all of which are compulsory.

Elective component:

The Elective Component consists of a number of specializations each with its own set of Unit Standards. Learners are to choose one specialization area and must choose Elective Unit Standards to the value of 23 credits from the Unit standards listed under that specialization so as to attain a minimum of 140 credits.

Learners are required to complete all the unit standards listed in the specialization category so as to qualify for registration with the Pharmacy Council as a Pharmacist's Assistant (Post Basic) in that particular category.

Should the Unit standards in a specialization category total less than 23 credits, learners are to choose additional Elective Unit Standards from other specializations, except those Unit Standards which are listed as unsuitable for the category, to give a minimum of 23 credits for the Elective Component.

Specialisation Categories:

Community Pharmacy or Hospital Pharmacy:

The unit standards:

- > Issue prescribed medicines to a patient.
- > Any other Elective Unit Standards of their choice to give a total of 23 credits for the Elective Component.

Distribution:

The unit standards:

- > Issue, dispatch and receive returned specified scheduled medicines in a distribution centre.
- > Any other Elective Unit Standards of their choice to give a total of 23 credits for the Elective Component.

Manufacturing:

The Unit standards:

- > Implement quality assurance in a pharmaceutical manufacturing environment.
- > Any other Elective Unit Standards of their choice to give a total of 23 credits for the Elective Component.

EXIT LEVEL OUTCOMES

Learners completing this Qualification will, dependent on specialisation field, be able to:

1. Communicate effectively in two South African languages.
2. Utilise Mathematical Literacy skills in the workplace and in daily living.
3. Apply specific pharmaceutical skills and knowledge in the workplace.
4. Interact with clients in a pharmaceutical environment.
5. Apply management functions in the workplace.
6. Apply personal development skills in the work environment.

Critical Cross-field Outcomes:

Details of how the Critical cross-field outcomes are addressed are contained in each Unit Standard.

ASSOCIATED ASSESSMENT CRITERIA

Associated Assessment Criteria for Exit Level Outcome 1:

- 1.1. Oral communication is conducted in accordance with audience and context needs.
- 1.2. Information and explicit and implicit messages are extracted from written texts using various strategies and evaluated and acted upon where necessary.
- 1.3. Written texts are produced for a range of purposes, audiences and contexts using appropriate language structures, terminology, register and format.

Associated Assessment Criteria for Exit Level Outcome 2:

- 2.1. Calculations required in the workplace are performed using correct formulae and operations.
- 2.2. Approximations relating to cost quantity and size of products and goods are made.
- 2.3. Mathematical, formulae, operations and algorithms are used to solve everyday work and personal problems.

Associated Assessment Criteria for Exit Level Outcome 3:

- 3.1. The processes required to achieve asepsis or sterilization of products are applied in accordance with quality assurance requirements.

- 3.2. Stock administration functions, including the monitoring and ordering of pharmaceutical stock, are performed in accordance with legislation and organizational requirements.
- 3.3. Scheduled stock is received, issued and dispatched in accordance with legislative and organisational requirements.
- 3.4. The importance of critical process parameters and dossiers within large scale pharmaceutical manufacturing are explained in terms of total quality management.
- 3.5. The various toxic substances are known and an explanation of their influence on the human body is given.

Associated Assessment Criteria for Exit Level Outcome 4:

- 4.1 Information to promote health is provided to the client, taking cognisance of the effects of medicine on the body, within the context of the local community.
- 4.2 Correctly selected, packaged and labeled medicines are issued to a patient with appropriate information provided.
- 4.3 Client and community awareness and knowledge of Sexually Transmitted Infections testing, prevention and treatment is promoted within relevant sectors of the industry.
- 4.4 Complaints from internal and external clients are dealt with appropriately.

Associated Assessment Criteria for Exit Level Outcome 5:

- 5.1 Processes to manage occupational health and occupational hygiene in a specific sector are developed to address identified potential stressors and in accordance with relevant legislation.
- 5.2 The dynamics within a specific group are identified and strategies are applied to enhance team performance.
- 5.3 The skills and techniques required of a mentor are applied according to a developed mentorship plan.
- 5.4 Theories of motivation including the empowerment and recognition of team members are applied to a team to enhance team performance.
- 5.5 The functions, roles and responsibilities of junior managers are applied within the context of the organisational management structure and the legislative framework impacting on leadership in a specific sector.
- 5.6 Control measures relating to confidential information and documents are implemented in accordance with legislative and organizational requirements.
- 5.7 The handling of Complaints from internal and external clients by staff is supervised appropriately.

Associated Assessment Criteria for Exit Level Outcome 6:

- 6.1 Problems are defined and analysed and following evaluation of options, an appropriate solution is implemented.
- 6.2 An effective business schedule, which includes strategies to deal with interruptions in the workplace, is developed.
- 6.3 Different strategies for moral decision making are applied in the workplace.
- 6.4 Goals and strategies for personal and professional development are applied.

Integrated Assessment:

The core and elective components of this qualification represent the codifying of the activities of the Pharmacist's Assistant (Post Basic). This means that, during the course of his or her day-to-day activities, the learner may be assessed against every one of the assessment criteria belonging to the core and elective components. It is also to be noted that a large proportion of the assessment criteria contained in the fundamental unit standards may be assessed in the course of carrying out the activities required by the core component.

The term "integrated assessment" implies that theoretical and practical components should be assessed together. Whenever possible the assessment of knowledge, skills, attitudes and values shown in the Unit Standards should be integrated and, during integrated assessment, the assessor should make use of a range of formative and summative assessment tools and methods. Combinations of practical, applied, and foundational competencies should be assessed. Assessment should further ensure that all specific outcomes, embedded knowledge and critical cross-field outcomes are evaluated in an integrated way.

Assessors should assess and give credit for the evidence of learning that has already been acquired through formal, informal and non-formal learning and work experience as the assessment process is capable of being applied to RPL, subject to the rules and criteria of the relevant ETQA.

INTERNATIONAL COMPARABILITY

When researching pharmacy training in emerging markets, it became apparent that the Further Education and Training Certificate: Pharmacist Assistance compares favourably with the Certified Pharmacy Technicians Course offered by the Pharmaceutical Society of Singapore. The outcomes of the Certified Pharmacy Technicians Course are:

- > Know and understand pharmaceutical and medical terms, abbreviations and symbols used in prescriptions, dispensing and charting of medications.
- > Have a working knowledge of dosage forms, routes of administration and storage requirements of drugs.
- > Be able to perform work related to processing and filling of prescriptions and record keeping.
- > Be able to perform essential functions relating to drug purchasing and inventory control.
- > Be able to perform the technical functions associated with a hospital drug distribution system.
- > Have a general knowledge of procedures and operations relating to manufacturing.
- > Be able to present and demonstrate merchandise, handle customer enquiries, provide appropriate and correct advice and handle difficult customers and situations.
- > Have basic knowledge in pharmacology and management of common disease.

The core competencies of the two qualifications are) very closely related. However, it needs to be recognised that the Further Education and Training Certificate: Pharmacist Assistance is explicitly placed within the South African context and takes cognisance of the limitations placed on the pharmacist assistant by the relevant legislative and statutory regulations.

A study of the qualifications offered on the National Qualification Frameworks of New Zealand and Australia showed that this Further Education and Training Certificate is in line with certificates offered through other Qualification Frameworks.

The following were identified as relating to the Further Education and Training Certificate: Pharmacist Assistance:

- > National Certificate in Pharmacy (Technician) with strands in Hospital and Community (0423): New Zealand.
- > Certificate IV in Community Pharmacy (WRP 40102): Australia.
- > Certificate IV in Health Service Assistance (Hospital and Community Health Pharmacy Technician) (HLT 40502): Australia.

The components contained in the Further Education and Training Certificate: Pharmacist Assistance also relate to programmes offered by independent training entities. These programmes include:

- > National Training Course for Pharmacy Assistants offered by The Pharmacy Guild of Australia.
- > Pharmacy Assistant Training - offered by Stratford Career Institute.

- > South Carolina Pharmacy Assistant/Technician Programs - offered through the All Allied Health School.
- > Pharmacy Assistant Programs offered by Olympia Career Training Institute.
- > PAT training programme - offered by the Christian Health Association of Kenya in association with Mission of Essential Drugs and Supplies (MEDS).

The Further Education and Training Certificate: Pharmacist Assistance was further benchmarked against, and meets the criteria of, the International Pharmaceutical Federation's (FIP) Statement on Good Pharmacy Education Practice, which states that, "the pharmacy graduate shall possess knowledge and understanding of the core information associated with the profession of pharmacy" The emphasis of the Further Education and Training Certificate: Pharmacist Assistance on the development of personal and inter-personal skills is also in line with the FIP's Statement that, "the pharmacy graduate effectively and creatively manages resources (human, physical, fiscal, time) and information with the goal of assuring access and availability of pharmaceuticals and pharmaceutical care services, thus optimising patient care. Pharmacy graduates must also be comfortable with delegating duties and being managed by others, whether employers or the manager/leader of the health care team."

Conclusion:

The Further Education and Training Certificate: Pharmacist Assistance compares very favourably with training offered internationally and in particular is aligned with the International Pharmaceutical Federation's (FIP) Statement on Good Pharmacy Education Practice which is accepted world-wide as the training standard for pharmacy assistants. Differences between international practice and the contents of the Further Education and Training Certificate: Pharmacists Assistance relate to SA legislative and statutory limitations on pharmacy practice.

ARTICULATION OPTIONS

This qualification allows for vertical and horizontal articulation possibilities in various fields within the health sector.

Possibilities for horizontal articulation include:

- > ID 49131: Further Education and Training Certificate: Community Health Work, NQF Level 4.

Possibilities for vertical articulation include:

- > National Certificate: Pharmacy Sales Consultant, NQF Level 5.
- > National Certificate: Business Studies: Medical Secretary, NQF Level 5.

MODERATION OPTIONS

> All moderators must be accredited by the Pharmacy Council or ETQA that has a Memorandum of Understanding in place with the Pharmacy Council.

> Moderation must include both internal and external moderation of assessments at all exit points of the Qualification, unless ETQA policies specify otherwise. Moderation should also encompass achievement of the competence described both in individual Unit Standards as well as the integrated competence described in the Exit Level Outcomes of the Qualification.

> Moderation may take the form of written examinations, workbooks, case studies, simulations, and site visits.

> Any institution offering learning that may enable the achievement of this Qualification must currently be accredited as a provider with the South African Pharmacy Council, or with a relevant ETQA.

> Anyone wishing to be assessed against this Qualification may apply to be assessed by any assessment agency, assessor or provider institution that is accredited by the South African Pharmacy Council.

> The choice and design of assessment methods and instruments must be appropriate to the unit standard and qualifications being assessed.

> Assessment and moderation must be transparent, affordable, valid, reliable and non-discriminatory.

CRITERIA FOR THE REGISTRATION OF ASSESSORS

Anyone wishing to assess learners against this qualification must:

- > Be registered as an assessor with the Pharmacy Council.
- > Be in possession of a relevant qualification at NQF Level 5 or higher as laid down by the Pharmacy Council.
- > Have the relevant occupational experience as required by the Pharmacy Council.

NOTES

N/A

UNIT STANDARDS

	ID	UNIT STANDARD TITLE	LEVEL	CREDITS
Fundamental	119472	Accommodate audience and context needs in oral/signed communication	Level 3	5
Fundamental	119457	Interpret and use information from texts	Level 3	5
Fundamental	119467	Use language and communication in occupational learning programmes	Level 3	5
Fundamental	119465	Write/present/sign texts for a range of communicative contexts	Level 3	5
Fundamental	9015	Apply knowledge of statistics and probability to critically interrogate and effectively communicate findings on life related problems	Level 4	6
Fundamental	119462	Engage in sustained oral/signed communication and evaluate spoken/signed texts	Level 4	5
Fundamental	119469	Read/view, analyse and respond to a variety of texts	Level 4	5
Fundamental	9016	Represent analyse and calculate shape and motion in 2- and 3-dimensional space in different contexts	Level 4	4
Fundamental	119471	Use language and communication in occupational learning programmes	Level 4	5
Fundamental	7468	Use mathematics to investigate and monitor the financial aspects of personal, business, national and international issues	Level 4	6
Fundamental	119459	Write/present/sign for a wide range of contexts	Level 4	5
Core	116483	Apply moral decision making and problem solving strategies	Level 3	6
Core	242665	Apply technical knowledge and skill in order to manage risk in occupational health and occupational hygiene	Level 4	8
Core	256536	Apply the principles of asepsis and sterility in a healthcare environment	Level 4	12
Core	256495	Identify common conditions and ailments and provide information relating to health and medicine	Level 4	10
Core	114589	Manage time productively	Level 4	4
Core	114215	Mentor a colleague to enhance the individual's knowledge, skills, values and attitudes in a selected career path	Level 4	3
Core	242819	Motivate and Build a Team	Level 4	10
Core	256535	Order and reconcile pharmaceutical stock	Level 4	8
Elective	117493	Provide information about HIV and AIDS and treatment options in community care and support situations	Level 3	6
Elective	114911	Resolve customer queries / complaints	Level 3	8

	ID	UNIT STANDARD TITLE	LEVEL	CREDITS
Elective	120348	Demonstrate knowledge and understanding of basic toxicological principles	Level 4	3
Elective	14667	Describe and apply the management functions of an organization	Level 4	10
Elective	242818	Describe the relationship of junior management to other roles	Level 4	5
Elective	114491	Educate and work closely with the community with regard to sexually transmitted infections (STIs) including Human Immune Virus/Acquired Immune Deficiency Syndrome (HIV/AIDS)	Level 4	10
Elective	120393	Explain and apply legislation and policies applicable to leadership in a specific sector or context	Level 4	10
Elective	120165	Identify, apply and manage goals and strategies for personal and professional development	Level 4	4
Elective	256555	Implement quality assurance in a pharmaceutical manufacturing environment	Level 4	8
Elective	256557	Issue prescribed medicines to a patient	Level 4	8
Elective	256556	Issue, dispatch and receive returned specified scheduled medicines in a distribution centre	Level 4	8
Elective	118028	Supervise customer service standards	Level 4	8
Elective	115855	Create, maintain and update record keeping systems	Level 5	5

LEARNING PROGRAMMES RECORDED AGAINST THIS QUALIFICATION

None



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:***Order and reconcile pharmaceutical stock***

SAQA US ID	UNIT STANDARD TITLE		
256535	Order and reconcile pharmaceutical stock		
ORIGINATOR	PROVIDER		
SGB Pharmacy			
FIELD	SUBFIELD		
9 - Health Sciences and Social Services	Curative Health		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 4	8

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

SPECIFIC OUTCOME 1

Monitor stock levels.

SPECIFIC OUTCOME 2

Order pharmaceutical stock.

SPECIFIC OUTCOME 3

Perform stock administration functions.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Core	62589	Further Education and Training Certificate: Pharmacist Assistance	Level 4



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:***Apply the principles of asepsis and sterility in a healthcare environment***

SAQA US ID	UNIT STANDARD TITLE		
256536	Apply the principles of asepsis and sterility in a healthcare environment		
ORIGINATOR	PROVIDER		
SGB Pharmacy			
FIELD	SUBFIELD		
9 - Health Sciences and Social Services	Curative Health		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 4	12

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

SPECIFIC OUTCOME 1

Describe the principles of asepsis in the healthcare environment.

SPECIFIC OUTCOME 2

Describe the basic elements of microbiology.

SPECIFIC OUTCOME 3

Explain how microorganisms are contained.

SPECIFIC OUTCOME 4

Apply processes required to achieve asepsis or sterilization of products.

SPECIFIC OUTCOME 5

Implement quality assurance processes.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Core	62589	Further Education and Training Certificate: Pharmacist Assistance	Level 4



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:***Implement quality assurance in a pharmaceutical manufacturing environment***

SAQA US ID	UNIT STANDARD TITLE		
256555	Implement quality assurance in a pharmaceutical manufacturing environment		
ORIGINATOR	PROVIDER		
SGB Pharmacy			
FIELD	SUBFIELD		
9 - Health Sciences and Social Services	Curative Health		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 4	8

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

SPECIFIC OUTCOME 1

Describe total quality management.

SPECIFIC OUTCOME 2

Explain the use of dossiers in manufacturing pharmaceutical products.

SPECIFIC OUTCOME 3

Identify critical process parameters.

SPECIFIC OUTCOME 4

Discuss deviations in terms of total quality management.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Elective	62589	Further Education and Training Certificate: Pharmacist Assistance	Level 4



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Issue, dispatch and receive returned specified scheduled medicines in a distribution centre

SAQA US ID	UNIT STANDARD TITLE		
256556	Issue, dispatch and receive returned specified scheduled medicines in a distribution centre		
ORIGINATOR		PROVIDER	
SGB Pharmacy			
FIELD		SUBFIELD	
9 - Health Sciences and Social Services		Curative Health	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 4	8

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

SPECIFIC OUTCOME 1

Confirm the prescription or order.

SPECIFIC OUTCOME 2

Prepare the product according to prescription or order.

SPECIFIC OUTCOME 3

Prepare the products for delivery.

SPECIFIC OUTCOME 4

Handle returned and/or unusable products.

SPECIFIC OUTCOME 5

Place orders.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Elective	62589	Further Education and Training Certificate: Pharmacist Assistance	Level 4



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:***Issue prescribed medicines to a patient***

SAQA US ID	UNIT STANDARD TITLE		
256557	Issue prescribed medicines to a patient		
ORIGINATOR			PROVIDER
SGB Pharmacy			
FIELD			SUBFIELD
9 - Health Sciences and Social Services			Curative Health
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 4	8

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

SPECIFIC OUTCOME 1

Verify the prescription.

SPECIFIC OUTCOME 2

Select, package and label medicines.

SPECIFIC OUTCOME 3

Prepare medicine for issuing.

SPECIFIC OUTCOME 4

Provide information to the patient.

SPECIFIC OUTCOME 5

Complete appropriate administrative tasks.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Elective	62589	Further Education and Training Certificate: Pharmacist Assistance	Level 4