

No. 228

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**SOUTH AFRICAN QUALIFICATIONS AUTHORITY (SAQA)**

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

**Clothing, Textiles, Footwear and Leather**

registered by Organising Field 06 – Manufacturing, Engineering and Technology, publishes the following qualification and unit standards for public comment.

This notice contains the titles, fields, subfields, **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.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 qualification and unit standards should reach **SAQA** at the address below and **no later than 13 April 2007**. All correspondence should be marked **Standards Setting – Clothing, Textiles, Footwear and Leather** and addressed to

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## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

## QUALIFICATION:

**National Certificate: CTFL Manufacturing Processes**

SAQA QUAL ID	QUALIFICATION TITLE		
58227	National Certificate: CTFL Manufacturing Processes		
SGB	PROVIDER		
SGB Clothing, Textiles, Footwear and Leather			
ETQA			
QUALIFICATION TYPE	FIELD	SUBFIELD	
National Certificate	6 - Manufacturing, Engineering and Technology	Manufacturing and Assembly	
ABET BAND	MINIMUM CREDITS	NQF LEVEL	QUALCLASS
Undefined	120	Level 2	Regular-Unit Stds Based
REGISTRATION STATUS	SAQA DECISION NUMBER	REGISTRATION START DATE	REGISTRATION END DATE
Draft - Prep for P			

**PURPOSE AND RATIONALE OF THE QUALIFICATION**

## Purpose:

This qualification will equip the learner with the skills, knowledge and values to participate effectively in workplace activities within the CTFL manufacturing industries. Learners achieving this qualification will be able to contribute to CTFL manufacturing processes by:

- o Monitoring the manufacturing/production process and the quality of production.
- o Understanding their role in the business, i.e. in production and related activities.
- o Understanding how they are affected by legislation, regulations, agreements and policies related to their particular work environment.
- o Perform simple to complex manufacturing/ production operations as stipulated.

Qualifying learners will also be able to relate what they see and experience to scientific and technological principles and concepts. They will also understand how they should operate within the systems which govern their workplace. What learners achieve through this qualification will also serve as a basis for further learning where they will engage more directly in the production process.

The skills, knowledge and values demonstrated within this qualification will ensure that workers and new entrants will acquire relevant skills and knowledge required by a fast-changing sector essential for economic growth within the CTFL manufacturing environment by allowing learners who are active in the industry to gain recognition for the skills and knowledge they have acquired without having to go through a formal apprenticeship process. Small CTFL manufacturing enterprises would also be ideal vehicles for Black Economic Empowerment.

## Rationale:

The National Certificate in CTFL Manufacturing Processes: NQF Level 2 is designed to meet the needs of learners who are involved in manufacturing processes in the clothing, footwear and leather industry in South Africa. This qualification replaces a number of legacy qualifications for

the various sectors, thus resulting in a re-conceptualised generic manufacturing qualification incorporating new skills and knowledge for the various manufacturing processes.

This qualification provides the learner with accessibility and a developmental pathway to be employed for the full range related to manufacturing processes and provides the flexibility in that learners accessing this qualification may move into the already registered level 3, 4 and 5 qualifications in CTFL Mechanician Processes.

Further career development after NQF Level 5 would be based on choices relating to the learner's aspirations:

- Entrepreneurial activities (starting own business).
- General or technical management.
- Quality management.
- o Conceptual design of manufactured clothing, textile, footwear and leather products.
- o Advanced technology.

CTFL manufacturing processes have to respond to a wide variety of exacting customer and consumer requirements. In addition, the industries have to respond to safety and environmental issues and the ongoing development of new products as a result of changing customer needs.

This qualification is structured in such a way that it gives learners exposure to a broad set of core competencies. This qualification will allow for competence in the learners' current work environment or chosen future work environment.

This qualification will help prepare learners for employment and further education or training. The qualification will introduce the skills, knowledge and understanding needed by those considering a career in the CTFL industry.

This qualification series recognises skills, knowledge and values relevant to a workplace.

This qualification will allow a learner to obtain a nationally recognised qualification in CTFL manufacturing processes by engaging actively in CTFL manufacturing processes. It will assist with attracting and retaining quality learners who attend courses and then apply the knowledge gained to activities in the workplace (portfolio to reflect formative assessment), learners who participate in skills programmes and have the appropriate work experience or learners who are part of a learnership programme which integrates structured learning and work experience. This qualification will provide for the recognition of prior learning by allowing learners to obtain credits for knowledge and skills that they already possess and so obtain the qualification in whole or in part through such recognition.

The qualification supports the objectives of the National Qualifications Framework in the following ways:

- It provides for progression from the level 2 qualification to the level 3 qualification. It gives the opportunity for learners to obtain official recognition for knowledge and skills that they possess in CTFL manufacturing processes and the awarding of an officially recognised qualification.
- The provision that the qualification may be obtained through recognition of prior learning facilitates access to an education, training and career path in clothing manufacturing processes, and thus accelerates the redress of past unfair discrimination in education, training and employment opportunities.
- o The inclusion of the specified unit standards in the fundamental and core categories contributes to the full personal development of each learner and the social and economic development of the nation at large.

This qualification describes the skills and knowledge required in a generic manner **so** that the changing needs of particular work sites can be met without requiring changes to the qualification or the unit standards. This qualification can be obtained in the following contexts:

o Clothing:

- o 243707: "Perform manual processes in the cutting room".
- o 243696: "Perform outwork processes".
- o 243685: "Design and make patterns for sewn products".
- o 243684: "Join component parts".
- o 243698: "Press finished garments and ensure the dispatch thereof".

o Textiles:

- o 243709: "Monitor and maintain a fibre manufacturing process".
- o 243711: "Operate and control an inspection process".
- o 243710: "Operate and control a textile manufacturing process".
- o 243708: "Apply textile testing techniques".
- o 243697: "Prepare dyeing and print colouration materials".

o Footwear:

- o 243690: "Produce footwear patterns".
- o 243695: "Cut components parts".
- o 243692: "Assemble and join component parts".
- o 243687: "Produce bottomstock for footwear".
- o 243682: "Perform making operations".
- o 243689: "Finish and dress footwear".

o Leather:

- o 243699: "Apply cutting practices to leather".
- o 243693: "Apply finishing practices in leather".
- o 243691: "Apply retanning practices in leather".
- o 243683: "Apply tanning practices in leather".
- o 243694: "Apply curing practices to leather".

Typical learners would be new entrants to the industry. Once qualified, they would typically tend to the clothing, textile, footwear and leather manufacturing processes, and to perform tasks under the direction of a more skilled person. In some instances this role represents a full-time position in the organisation; in other instances this is simply a stage in occupational development.

The outcomes of this qualification combine skills and knowledge in the technical, inter-personal and business spheres, enabling the learner to perform the operational aspects of the work, function within a team context and contribute to value-adding processes in the business.

The value of the occupation will benefit society and the economy. The CTFL manufacturing industries are essential to the supply of a wide range of processed and manufactured products to the consumer. These industries are also vital to the country's export markets.

This qualification will contribute to the full development of the learner by providing recognition for skills and knowledge achieved, thereby forming the basis of further advancement in the occupation and further mobility and portability across the various sectors of the clothing, textile, footwear and leather manufacturing industries.

### **RECOGNIZE PREVIOUS LEARNING?**

Y

**LEARNING ASSUMED TO BE IN PLACE**

This qualification assumes learners have a General Education and Training Certificate at NQF level 1, or alternatively, an ABET level 4 qualification. If the learner does not have one of the above qualifications, it is assumed that learners are already competent at Communication and Mathematical Literacy at ABET level 3.

Recognition of Prior Learning:

This qualification may be obtained through a process of RPL. The learner should be thoroughly briefed prior to the assessment and support should be provided to assist the learner in the process of developing a portfolio. The guidelines for integrated assessment should be used to develop the RPL assessment process. As with integrated assessment, 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:

There is open access to the qualification. A workplace is, however, a pre-requisite to obtaining the relevant work experience and evidence required for the assessment of the Exit Level Outcomes.

**QUALIFICATION RULES**

Level, credits and learning components assigned to the qualification:

The qualification is made up of a planned combination of learning outcomes that have a defined purpose and will provide qualifying learners with applied competence and a basis for further training.

The qualification is made up of Unit Standards that are classified as Fundamental, Core and Elective. A minimum of **140** credits is required to complete the qualification.

In this qualification the credits are allocated as follows:

- Fundamental: 36 credits.
- Core: **48** credits.
- Electives: 36 credits.
- Total: **120** credits.

Motivation for number of credits assigned to Fundamental, Core and Elective:

○ Fundamental Component:

The fundamental component consists of unit standards to the value of 36 credits. There are twenty (20) credits in Communication and 16 credits in Mathematical Literacy.

All these standards are compulsory.

○ Core Component:

Forty-eight (**48**) credits have been allocated to unit standards in the core component of this qualification. The unit standards classified as core focus on the broad processes required in the CTFL manufacturing industry, including an understanding of the industry and how it functions, health and safety, productivity, an understanding of materials and quality management.

All unit standards are compulsory.

o Elective Component:

In the elective component there are unit standards totalling one-hundred and sixty-eight (168) credits. Learners are required to select electives that add up to a minimum of thirty-six (36) credits. There are four clusters of electives, i.e. Clothing, Leather, Footwear and Textiles. These clusters cater for specific types of CTFL working contexts and although the minimum requirement for electives to complete this qualification is the achievement of 36 credits, it is recommended that the learner choose one cluster and complete all the electives within this cluster, based on his/her specific work context.

**EXIT LEVEL OUTCOMES**

1. Work effectively with others, understand own role in the organisation and understand the purpose of the organisation in the economy of the country.
2. Demonstrate an understanding of the production process, materials and the quality requirements and recognise changes in the production process, which will affect safety, health, quality or efficiency and respond to them.
3. Demonstrate an understanding of the use of appropriate machinery, tools and equipment, to make simple changes to machinery, tools and equipment ensuring compliance with regard to safety and safe work practices.

**ASSOCIATED ASSESSMENT CRITERIA**

1:

- o The structure of the CTFL sector is described in terms of relevant legislation.
- o Key stakeholders in a specific industry or organisation within the CTFL Sector are identified and their roles described in terms of their relationship with the industry.
- o Key legislation (acts) and regulations applicable within the industry and sector are identified and their purpose is described in relation to the requirements of the specific act.
- o Career opportunities within the industry are identified in line with the requirements of the specific industry.
- The pipeline in the specific manufacturing facility is described as related to the output requirements of the facility.

2:

- o The difference between productivity and production is explained in terms of industry norms.
- o Utilisation of resources, and efficiency concepts relating to materials, machinery and labour employed in a manufacturing process are identified and explained in terms of standard operating procedures.
- o Production targets are explained in relation to time, quality and output in the workplace.
- o All forms of wastage are identified and recorded in a production area.
- o Idle or downtime, output deficiencies and product non-conformances are identified and recorded in a production area.
- o Key/primary raw materials are identified for use in the manufacture of company specific processed (end) products.
- A range of material identification methods, codes, labels and markings is used in relation to workplace requirements.
- Storage methods and facilities for raw and processed materials are identified and described in terms of company policies and procedures.
- o Quality standards, methods, procedures are identified and described in the context of company and customer specifications.
- Causes of faults are identified and appropriate recommended corrective action is implemented in line with company policies and procedures.

3:

- o Safe work practices that prevent injuries, or damage to machinery, are described in terms of relevant legislation and company policies.
- o Machines, machine parts, equipment and tools relevant to manual cutting room operations are identified and listed and functions are correctly described, as specified in relevant equipment manuals.
- o Range: Clothing.
- Start up and operate machinery to Standard Operating Procedures(SOP's).
- o Range: Textiles.
- Machinery, equipment and consumables used to assemble and join cut component parts are listed and described in terms of relevant specification requirements.
- o Range: Footwear.
- Materials are loaded onto the appropriate machines according to manufacturer's specifications and standard operating procedures.
- o Range: Leather.

Integrated assessment:

Because assessment practices must be open, transparent, fair, valid, and reliable and ensure that no learner is disadvantaged in any way whatsoever, an integrated assessment approach is incorporated into the Qualification.

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

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

A variety of methods must be used in assessment and tools and activities must be appropriate to the context in which the learner is working. Where it is not possible to assess the learner in the workplace or on-the-job, simulations, case studies, role-plays and other similar techniques should be used to provide a context appropriate to the assessment.

The term 'Integrated Assessment' implies that theoretical and practical components should be assessed together. During integrated assessments the assessor should make use of formative and summative assessment methods and assess combinations of practical, applied, foundational and reflective competencies.

Assessors and moderators should make use of a range of formative and summative assessment methods. Assessors should assess and give credit for the evidence of learning that has already been acquired through formal, informal and non-formal learning and work experience.

Assessment should ensure that all specific outcomes, embedded knowledge and critical cross-field outcomes are evaluated. The assessment of the critical cross-field outcomes should be integrated with the assessment of specific outcomes and embedded knowledge.

### **INTERNATIONAL COMPARABILITY**

A survey questionnaire benchmarking this qualification against similar qualifications in other countries was faxed and e-mailed to 24 overseas countries spanning five continents. 14 African countries including SADC countries were contacted to participate in this survey. Unfortunately many countries failed to respond to the survey questionnaire. This survey was also complimented by an international Internet search to ascertain the existence of comparable qualifications within the clothing, textile, footwear and leather sector. Countries with outcomes-based systems still remain the best source of information when doing this research. There is sufficient information on clothing, textile, footwear and leather qualifications to do this kind of

research. On this basis, South Africa compared similarly to qualifications offered in New Zealand, United Kingdom and Australia.

India:

India does not have the equivalence of the National Certificate in CTFL Manufacturing Processes qualification for which comparability could be done but they are advanced in the sector as far as training and development is concerned Dr. U. Vinod Kurup [M.Tech, MIE, PhD] from India offered the following input with regard to this qualification:

- Formal education in Textiles is done at diploma, degree, postgraduate degree and PhD level. These courses are offered by a few hundred institutions both by government and private institutions in India.

- Textile in-plant training are offered by employers to workers in companies.

- Textile Training Certificate courses are offered by both government and the private sector. National Trade Certificate Training must be approved by the Government of India.

- Textile and leather related training is approved and offered in the following areas:

- Upholstery - (1 year).
- Embroidery and Needlework.
- Weaving of Silk and Woollen Fabrics.
- Weaving of Woollen Fabrics.
- Manufacture of Footwear.
- Leather and Goods Maker.
- Dress making.
- Cutting and sewing.
- Bleaching dyeing and calico prtg.
- Fashion Technology.

- Training certificate courses are also offered by the Apparel Training and design Centre of Apparel Export Promotion Council through centres in several locations.

- Training programs are also conducted by Weavers Services centres (about 28 in number) and the Ministry of Textiles, Government of India.

Italy:

- In order to ensure international comparability with Italian clothing, textile, footwear and leather qualifications, the Italian Embassy requested the CTFL Seta to contact the following organisations. A survey questionnaire based on international comparability was sent to the following organizations:

- Camera Nazionale della Moda Italiana [The National Chamber for Italian Fashion].
- Progetta Moda [Professional Formation Center of Apparel, Fashion and Costume].
- Istituto Carlo Secoli.
- Istituto di Moda Burgo.

- No replies to the survey questionnaire were received from the above organizations.

Brazil:

The Brazilian Embassy advised the CTFL Seta to contact SENAI - Serviço Nacional de Aprendizagem Industrial (National Service of Industrial Training). This organization failed to reply to the survey questionnaire.

Africa and Sub-Saharan Africa - Malawi and Angola:



The Embassies of Malawi and Angola responded telephonically and indicated that no such qualifications existed in their countries.

Clothing, Textile, Footwear and Leather industries in Africa and sub-Saharan Africa is very much in its infancy stage and are dependent on imports and foreign countries, implying that skills development in the sector is at best dependent on imported courses and industry training standards. Many training initiatives are being supported by foreign donor-funding.

New Zealand:

The following qualifications were similar to the South African qualification:

- National Certificate in Clothing Manufacture (Cutting).
- National Certificate in Clothing Manufacture (Elementary sewing skills).
- National Certificate in Clothing Manufacture (Embroidery).

All these qualifications cover curriculum similar to that of the South African qualification, including:

- Safe working practices.
- Home and life sciences.
- Quality assurance.
- Cutting patterns.
- Pattern construction.
- Operating machinery.
- Meeting schedules and company requirements.
- Materials, techniques and processes.
- Printmaking.
- Fabric manipulation.

Some of the qualifications are unit standards based, whilst others are curriculum based.

United Kingdom:

The following qualifications are offered in relation to the South African qualification:

- ABC Certificate in Sewing Textiles.
- EDEXCEL BTEC Diploma in Textiles.
- City and Guilds NVQ in Manufacturing Sewn Products.

The most comparative, as it is unit standards based, is the City and Guilds qualification and it covers units such as:

- Establishing work relationships.
- Health and safety.
- Maintaining the continuity of the manufacturing process.
- Contributing to the maintenance of product quality.
- Cutting materials.
- Sewing - preparing, conducting.
- Sealing.
- Pressing.

On the footwear side, the following qualifications are offered:

- City & Guilds NVQ in Footwear Manufacture.

- o ABC Certificate in Apparel Footwear **Production**.

Australia:

The following qualifications were **analysed** for comparison:

- o Certificate II in Clothing Production (Intermediate).
- o Certificate II in Textile Fabrication.
- o Certificate II in Textile Production (Intermediate).

The various curriculum in these qualifications include:

- Product design, development and innovation.
  - o Pattern making and product design.
  - o Spinning, weaving and knitting.
  - o Dyeing.
- Teamwork.
  - o Quality assurance.
- Health and safety.
- Marketing.

On the footwear side, the following qualifications are offered:

- o Certificate II in footwear production (intermediate) - Hide, skin and leather, and leather goods production.

A more detailed analysis of the Australian, New Zealand and United Kingdom qualifications is available on request.

Summary:

The National Certificate in CTFL Manufacturing Processes (NQF Level 2) qualification is inclusive of unit components of similar international qualifications.

Qualifications from the various countries exist separately for the various sectors, unlike the CTFL qualification which is a compressed and generic qualification for the various sectors. The South African qualification developed for the clothing, textile, footwear and leather industry measures up well in terms of the trends of the more advanced countries. The **qualification** and standards have been constructed to be:

- Flexible.
  - o Generic so that they can be applied to any sophisticated manufacturing and production process within the industry.
- Future-orientated so that the qualification do not have to be revised frequently as technology changes.
  - o Skill-based so that those who still interface with older equipment are not marginalized.
  - o Linked to business drivers such as global competition, cost reduction, environmental impact, **SMME** development as well as recognition of prior learning.
- Broad skills sets for team building, coaching, mentoring and assessing.
- Includes advanced technical skills as well as the basics of production.

### **ARTICULATION OPTIONS**

This Qualification articulates vertically and horizontally with the following Qualifications:

The qualification articulates horizontally with:

- National Certificate: CTFL Mechanician Processes, NQF Level 2 (under development).

The qualification articulates vertically with:

- 48973: National Certificate: Clothing, Textiles, Footwear and Leather (CTFL) Mechanician Processes, NQF Level 3.

### **MODERATION OPTIONS**

- Anyone assessing a learner or moderating the assessment of a learner against this Qualification must be registered as an assessor with the relevant 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 Education, Training, Quality, Assurance (ETQA) Body.
- Assessment and moderation of assessment will be overseen by the relevant Education, Training, Quality, Assurance (ETQA) Body, or by an ETQA that has a Memorandum of Understanding with the 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 the integrated competence described in the Qualification.
- Anyone wishing to be assessed against this Qualification may apply to be assessed by any assessment agency, assessor or provider institution that is accredited by the relevant ETQA.

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

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

- A minimum of 2 (two) years' practical, relevant occupational experience in Administration.
- To be declared competent in all the outcomes of the National Assessor Unit Standards as stipulated by South African Qualifications Authority (SAQA).

### **NOTES**

N/A

### **UNIT STANDARDS**

	ID	UNIT STANDARD TITLE	LEVEL	CREDITS
Core	243686	Demonstrate an understanding of the structure of the CTFL industries	Level 2	6
Core	243701	Demonstrate an understanding of the regulatory occupational safety, health and environmental practices	Level 2	12
Core	243700	Demonstrate an understanding of materials used and produced in CTFL manufacturing processes	Level 2	10
Core	243688	Demonstrate an understanding of productivity requirements	Level 2	10
Core	243705	Demonstrate an understanding of quality procedures and practices	Level 2	10
Elective	243707	Perform manual processes in the cutting room	Level 2	8
Elective	243699	Apply cutting practices to leather	Level 2	8
Elective	243691	Apply retanning practices in leather	Level 2	8
Elective	243694	Apply curing practices to leather	Level 2	8
Elective	243708	Apply textile testing techniques	Level 2	8
Elective	243710	Operate and control a textile manufacturing process	Level 2	8
Elective	243709	Monitor and maintain a fibre manufacturing process	Level 2	8
Elective	243689	Finish and dress footwear	Level 2	8

	ID	UNIT STANDARD TITLE	LEVEL	CREDITS
Elective	243682	Perform making operations	Level2	8
Elective	243692	Assemble and join component parts	Level2	8
Elective	243687	Produce bottomstock for footwear	Level2	8
Elective	243695	Cut components parts	Level2	8
Elective	243690	Produce footwear patterns	Level2	8
Elective	243697	Prepare dyeing and print colouration materials	Level2	8
Elective	243711	Operate and control an inspection process	Level2	8
Elective	243683	Apply tanning practices in leather	Level2	8
Elective	243693	Apply finishing practices in leather	Level2	8
Elective	243698	Press finished garments and ensure the dispatch thereof	Level 2	8
Elective	243696	Perform outwork processes	Level2	8
Elective	243685	Design and make patterns for sewn products	Level2	8
Elective	243684	Join component parts	Level2	8
Fundamental	119454	Maintain and adapt oral/signed communication	Level2	5
Fundamental	119463	Access and use information from texts	Level2	5
Fundamental	119456	Write/present for a defined context	Level2	5
Fundamental	119460	Use language and communication in occupational learning programmes	Level2	5
Fundamental	7480	Demonstrate understanding of rational and irrational numbers and number systems	Level2	3
Fundamental	7469	Use mathematics to investigate and monitor the financial aspects of personal and community life	Level 2	2
Fundamental	9007	Work with a range of patterns and functions and solve problems	Level 2	5
Fundamental	9009	Apply basic knowledge of statistics and probability to influence the use of data and procedures in order to investigate life related problems	Level2	3
Fundamental	12444	Measure, estimate and calculate physical quantities and explore, describe and represent geometrical relationships in 2-dimensions in different life or workplace contexts	Level 2	3



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

## UNIT STANDARD:

*Perform making operations*

SAQA US ID	UNIT STANDARD TITLE		
243682	Perform making operations		
SGB	PROVIDER		
SGB Clothing, Textiles, Footwear and Leather			
FIELD	SUBFIELD		
6 - Manufacturing, Engineering and Technology	Manufacturing and Assembly		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 2	8
REGISTRATION STATUS	REGISTRATION START DATE	REGISTRATION END DATE	SAQA DECISION NUMBER
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**SPECIFIC OUTCOME 1**

Identify all the operations that are necessary in Making processes to last and attach uppers to bottoms.

**SPECIFIC OUTCOME 2**

Identify and select machinery, equipment and consumables used in Making operations.

**SPECIFIC OUTCOME 3**

Prepare consumables, machinery and equipment for Making operations.

**SPECIFIC OUTCOME 4**

Perform hand, basic machine and specialised machine operations in the Making processes.



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

## UNIT STANDARD:

*Apply tanning practices in leather*

SAQA US ID		UNIT STANDARD TITLE	
243683		Apply tanning practices in leather	
SGB		PROVIDER	
SGB Clothing, Textiles, Footwear and Leather			
FIELD		SUBFIELD	
6 - Manufacturing, Engineering and Technology		Manufacturing and Assembly	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
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**SPECIFIC OUTCOME 1**

Apply start up procedures.

**SPECIFIC OUTCOME 2**

Apply preparation procedures.

**SPECIFIC OUTCOME 3**

Apply loading procedures,

**SPECIFIC OUTCOME 4**

Apply chemical addition procedures.

**SPECIFIC OUTCOME 5**

Apply time recording procedures.



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

## UNIT STANDARD:

*Join component parts*

SAQA US ID	UNIT STANDARD TITLE		
243684	Join component parts		
SGB	PROVIDER		
SGB Clothing, Textiles, Footwear and Leather			
FIELD	SUBFIELD		
6 - Manufacturing, Engineering and Technology	Manufacturing and Assembly		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
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**SPECIFIC OUTCOME 1**

Prepare and set sewing machines.

**SPECIFIC OUTCOME 2**

Perform basic routine maintenance functions.

**SPECIFIC OUTCOME 3**

Identify, prepare and sew product parts.

**SPECIFIC OUTCOME 4**

Apply safety standards when operating sewing machines.

**SPECIFIC OUTCOME 5**

Inspect and dispose of completed product parts and complete administrative documentation.



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

## UNIT STANDARD:

*Design and make patterns for sewn products*

SAQA US ID	UNIT STANDARD TITLE		
243685	Design and make patterns for sewn products		
SGB	PROVIDER		
SGB Clothing, Textiles, Footwear and Leather			
FIELD	SUBFIELD		
6 - Manufacturing, Engineering and Technology	Manufacturing and Assembly		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
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**SPECIFIC OUTCOME 1**

Explain the processes involved in the design and development of a sewn product.

**SPECIFIC OUTCOME 2**

Identify customer needs and product specifications and complete basic technical drawings.

**SPECIFIC OUTCOME 3**

Identify, use and apply safety standards to design, development and pattern making tools.

**SPECIFIC OUTCOME 4**

Take body measurements and read basic size charts.

**SPECIFIC OUTCOME 5**

Draft basic blocks and make patterns.

**SPECIFIC OUTCOME 6**

Compile basic specifications and basic cost sheets.





## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

**UNIT STANDARD:*****Demonstrate an understanding of the structure of the CTFL industries***

<b>SAQA US ID</b>	<b>UNIT STANDARD TITLE</b>		
<b>243686</b>	Demonstrate an understanding of the structure of the CTFL industries		
<b>SGB</b>	<b>PROVIDER</b>		
SGB Clothing, Textiles, Footwear and Leather			
<b>FIELD</b>	<b>SUBFIELD</b>		
6 - Manufacturing, Engineering and Technology	Manufacturing and Assembly		
<b>ABET BAND</b>	<b>UNIT STANDARD TYPE</b>	<b>NQF LEVEL</b>	<b>CREDITS</b>
Undefined	Regular	Level 2	6
<b>REGISTRATION STATUS</b>	<b>REGISTRATION START DATE</b>	<b>REGISTRATION END DATE</b>	<b>SAQA DECISION NUMBER</b>
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**SPECIFIC OUTCOME 1**

Describe the structural composition of the CTFL sector.

**SPECIFIC OUTCOME 2**

Understand the structural composition of a relevant industry within the CTFL sector.

**SPECIFIC OUTCOME 3**

Describe the work organisation within a typical manufacturing facility.



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

## UNIT STANDARD:

*Produce bottomstock for footwear*

SAQA US ID	UNIT STANDARD TITLE		
243687	Produce bottomstock for footwear		
SGB	PROVIDER		
SGB Clothing, Textiles, Footwear and Leather			
FIELD	SUBFIELD		
6 - Manufacturing, Engineering and Technology	Manufacturing and Assembly		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 2	8
REGISTRATION STATUS	REGISTRATION START DATE	REGISTRATION END DATE	SAQA DECISION NUMBER
Draft - Prep for P Comment			

## SPECIFIC OUTCOME 1

Identify all the operations that are necessary to produce bottomstock components for footwear.

## SPECIFIC OUTCOME 2

Identify and select machinery, equipment, materials used to produce bottomstock components.

## SPECIFIC OUTCOME 3

Prepare materials, machinery and equipment for bottomstock production processes.

## SPECIFIC OUTCOME 4

Perform hand, basic machine and specialised machine operations to produce bottomstock components.



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

## UNIT STANDARD:

*Demonstrate an understanding of productivity requirements*

SAQA US ID	UNIT STANDARD TITLE		
243688	Demonstrate an understanding of productivity requirements		
<b>SGB</b>	<b>PROVIDER</b>		
SGB Clothing, Textiles, Footwear and Leather			
<b>FIELD</b>	<b>SUBFIELD</b>		
6 - Manufacturing, Engineering and Technology	Manufacturing and Assembly		
<b>ABET BAND</b>	<b>UNIT STANDARD TYPE</b>	<b>NQF LEVEL</b>	<b>CREDITS</b>
Undefined	Regular	Level 2	10
<b>REGISTRATION STATUS</b>	<b>REGISTRATION START DATE</b>	<b>REGISTRATION END DATE</b>	<b>SAQA DECISION NUMBER</b>
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## SPECIFIC OUTCOME 1

Describe productivity principles as applied to manufacturing processes.

## SPECIFIC OUTCOME 2

Describe productivity practice in the workplace.

## SPECIFIC OUTCOME 3

Demonstrate an understanding of the importance of productivity improvement practices in the workplace.



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

## UNIT STANDARD:

*Finish and dress footwear*

SAQA US ID	UNIT STANDARD TITLE		
243689	Finish and dress footwear		
SGB	PROVIDER		
SGB Clothing, Textiles, Footwear and Leather			
FIELD	SUBFIELD		
6 - Manufacturing, Engineering and Technology	Manufacturing and Assembly		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 2	8
REGISTRATION STATUS	REGISTRATION START DATE	REGISTRATION END DATE	SAQA DECISION NUMBER
Draft - Prep for P Comment			

**SPECIFIC OUTCOME 1**

Identify all the operations that are necessary in Finishing and Dressing processes to complete the selected footwear.

**SPECIFIC OUTCOME 2**

Identify and select machinery, equipment and consumables used in the finishing and dressing operations.

**SPECIFIC OUTCOME 3**

Prepare consumables, machinery and equipment for finishing and dressing processes.

**SPECIFIC OUTCOME 4**

Perform hand, basic machine and specialised machine operations in the finishing or dressing processes.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

**UNIT STANDARD:*****Produce footwear patterns***

<b>SAQA US ID</b>	<b>UNIT STANDARD TITLE</b>		
243690	Produce footwear patterns		
<b>SGB</b>	<b>PROVIDER</b>		
SGB Clothing, Textiles, Footwear and Leather			
<b>FIELD</b>	<b>SUBFIELD</b>		
6 - Manufacturing, Engineering and Technology	Manufacturing and Assembly		
<b>ABET BAND</b>	<b>UNIT STANDARD TYPE</b>	<b>NQF LEVEL</b>	<b>CREDITS</b>
Undefined	Regular	Level 2	8
<b>REGISTRATION STATUS</b>	<b>REGISTRATION START DATE</b>	<b>REGISTRATION END DATE</b>	<b>SAQA DECISION NUMBER</b>
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**SPECIFIC OUTCOME 1**

Identify and select the materials and equipment required to produce footwear patterns.

**SPECIFIC OUTCOME 2**

Produce a mean forme for closed back footwear.

**SPECIFIC OUTCOME 3**

Produce a standard for closed back footwear

**SPECIFIC OUTCOME 4**

Produce all relevant patterns as shown on the standard.



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

**UNIT STANDARD:*****Apply retanning practices in leather***

<b>SAQA US ID</b>	<b>UNIT STANDARD TITLE</b>		
243691	Apply retanning practices in leather		
<b>SGB</b>	<b>PROVIDER</b>		
SGB Clothing, Textiles, Footwear and Leather			
<b>FIELD</b>	<b>SUBFIELD</b>		
6 - Manufacturing, Engineering and Technology	Manufacturing and Assembly		
<b>ABET BAND</b>	<b>UNIT STANDARD TYPE</b>	<b>NQF LEVEL</b>	<b>CREDITS</b>
Undefined	Regular	Level 2	8
<b>REGISTRATION STATUS</b>	<b>REGISTRATION START DATE</b>	<b>REGISTRATION END DATE</b>	<b>SAQA DECISION NUMBER</b>
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**SPECIFIC OUTCOME 1**

Apply start up procedures.

**SPECIFIC OUTCOME 2**

Apply preparation procedures.

**SPECIFIC OUTCOME 3**

Apply retanning procedures.



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

## UNIT STANDARD:

*Assemble and join component parts*

SAQA US ID	UNIT STANDARD TITLE		
243692	Assemble and join component parts		
SGB	PROVIDER		
SGB Clothing, Textiles, Footwear and Leather			
FIELD	SUBFIELD		
6 - Manufacturing, Engineering and Technology	Manufacturing and Assembly		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 2	8
REGISTRATION STATUS	REGISTRATION START DATE	REGISTRATION END DATE	SAQA DECISION NUMBER
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**SPECIFIC OUTCOME 1**

Identify all operations that are necessary to assemble and join cut component parts.

**SPECIFIC OUTCOME 2**

Identify and select machinery, equipment and consumables used to assemble and join cut component parts.

**SPECIFIC OUTCOME 3**

Prepare consumables, machinery and equipment to assemble and join cut component parts

**SPECIFIC OUTCOME 4**

Perform hand, basic machine and specialised machine operations to assemble and join cut component parts.



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

## UNIT STANDARD:

*Apply finishing practices in leather*

SAQA US ID		UNIT STANDARD TITLE	
243693		Apply finishing practices in leather	
SGB		PROVIDER	
SGB Clothing, Textiles, Footwear and Leather			
FIELD		SUBFIELD	
6 - Manufacturing, Engineering and Technology		Manufacturing and Assembly	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 2	8
REGISTRATION	REGISTRATION START	REGISTRATION END	SAQA DECISION
Comment			

## SPECIFIC OUTCOME 1

Apply and read finishing procedures.

## SPECIFIC OUTCOME 2

Set up finishing machines.

## SPECIFIC OUTCOME 3

Implement correct application methods,

## SPECIFIC OUTCOME 4

Apply process quality awareness of process faults.





## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

## UNIT STANDARD:

*Apply curing practices to leather*

SAQA US ID	UNIT STANDARD TITLE		
243694	Apply curing practices to leather		
SGB	PROVIDER		
SGB Clothing, Textiles, Footwear and Leather			
FIELD	SUBFIELD		
6 - Manufacturing, Engineering and Technology	Manufacturing and Assembly		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 2	8
REGISTRATION	REGISTRATION START	REGISTRATION END	SAQA DECISION
Comment			

**SPECIFIC OUTCOME 1**

Apply start up procedures.

**SPECIFIC OUTCOME 2**

Apply preparation procedures.

**SPECIFIC OUTCOME 3**

Apply loading procedures.



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

## UNIT STANDARD:

*Cut components parts*

SAQA US ID		UNIT STANDARD TITLE	
243695		Cut components parts	
SGB		PROVIDER	
SGB Clothing, Textiles, Footwear and Leather			
FIELD		SUBFIELD	
6 - Manufacturing, Engineering and Technology		Manufacturing and Assembly	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 2	8
REGISTRATION STATUS	REGISTRATION START DATE	REGISTRATION END DATE	SAQA DECISION NUMBER
Draft - Prep for P Comment			

## SPECIFIC OUTCOME 1

Identify the operations required to produce cut product component parts.

## SPECIFIC OUTCOME 2

Identify and select machinery, equipment and materials to produce *cut product components*.

## SPECIFIC OUTCOME 3

Prepare materials, consumables, machinery and equipment for producing *cut product components*.

## SPECIFIC OUTCOME 4

Produce component parts *for* a selected product by performing hand and machine *operations*.



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

## UNIT STANDARD:

**Perform outwork processes**

SAQA US ID	UNIT STANDARD TITLE		
243696	Perform outwork processes		
SGB	PROVIDER		
SGB Clothing, Textiles, Footwear and Leather			
FIELD	SUBFIELD		
6 - Manufacturing, Engineering and Technology	Manufacturing and Assembly		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 2	8
REGISTRATION STATUS	REGISTRATION START DATE	REGISTRATION END DATE	SAQA DECISION NUMBER
Draft - Prep for P Comment			

**SPECIFIC OUTCOME 1**

Prepare materials, machines, equipment and tools for outwork processes.

**SPECIFIC OUTCOME 2**

Operate machines and equipment, monitor and maintain methods, quality standards and output targets.

**SPECIFIC OUTCOME 3**

Apply safety standards when operating machines and equipment used for outwork processes and perform basic maintenance.

**SPECIFIC OUTCOME 4**

Inspect and dispose of completed products or parts and complete administrative documentation.



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

## UNIT STANDARD:

*Prepare dyeing and print colouration materials*

<b>SAQA US ID</b>	<b>UNIT STANDARD TITLE</b>		
243697	Prepare dyeing and print colouration materials		
<b>SGB</b>	<b>PROVIDER</b>		
SGB Clothing, Textiles, Footwear and Leather			
<b>FIELD</b>	<b>SUBFIELD</b>		
6 - Manufacturing, Engineering and Technology	Manufacturing and Assembly		
<b>ABET BAND</b>	<b>UNIT STANDARD TYPE</b>	<b>NQF LEVEL</b>	<b>CREDITS</b>
Undefined	Regular	Level 2	8
<b>REGISTRATION STATUS</b>	<b>REGISTRATION START DATE</b>	<b>REGISTRATION END DATE</b>	<b>SAQA DECISION NUMBER</b>
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**SPECIFIC OUTCOME 1**

Prepare colouration laboratory equipment and material.

**SPECIFIC OUTCOME 2**

Mix dyes, chemicals and print pastes to a recipe.

**SPECIFIC OUTCOME 3**

Produce laboratory samples to confirm to recipes.

**SPECIFIC OUTCOME 4**

Produce bulk mixings.



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

## UNIT STANDARD:

*Press finished garments and ensure the dispatch thereof*

SAQA US ID		UNIT STANDARD TITLE	
243698		Press finished garments and ensure the dispatch thereof	
SGB		PROVIDER	
SGB Clothing, Textiles, Footwear and Leather			
FIELD		SUBFIELD	
6 - Manufacturing, Engineering and Technology		Manufacturing and Assembly	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 2	8
REGISTRATION STATUS	REGISTRATION START DATE	REGISTRATION END DATE	SAQA DECISION NUMBER
Draft - Prep for P Comment			

**SPECIFIC OUTCOME 1**

Select and prepare equipment and finished garments for pressing and perform a range of pressing operations.

**SPECIFIC OUTCOME 2**

Inspect and dispose of finished garments and complete administrative documentation.

**SPECIFIC OUTCOME 3**

Identify and prepare finished garments and equipment for despatching operations.

**SPECIFIC OUTCOME 4**

Perform a range of despatching operations according to specified method, quality and time standards.

**SPECIFIC OUTCOME 5**

Apply safety standards when operating pressing and despatching equipment and tools and perform basic maintenance.



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

## UNIT STANDARD:

*Apply cutting practices to leather*

SAQA US ID		UNIT STANDARD TITLE	
243699		Apply cutting practices to leather	
SGB		PROVIDER	
SGB Clothing, Textiles, Footwear and Leather			
FIELD		SUBFIELD	
6 - Manufacturing, Engineering and Technology		Manufacturing and Assembly	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 2	8
REGISTRATION	REGISTRATION START	REGISTRATION END	SAQA DECISION

**SPECIFIC OUTCOME 1**

Receive and inspect leather.

**SPECIFIC OUTCOME 2**

Measure, assess and mark hides.

**SPECIFIC OUTCOME 3**

Select and lay out setups, tools and equipment.

**SPECIFIC OUTCOME 4**

Operate cutting department machines.

**SPECIFIC OUTCOME 5**

Count, stack and batch components.

**SPECIFIC OUTCOME 6**

Complete cutting schedules, job cards and quality assurance.



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

## UNIT STANDARD:

*Demonstrate an understanding of materials used and produced in CTFL*

SAQA US ID	UNIT STANDARD TITLE		
243700	Demonstrate an understanding of materials used and produced in CTFL manufacturing processes		
<b>SGB</b>	<b>PROVIDER</b>		
SGB Clothing, Textiles, Footwear and Leather			
<b>FIELD</b>	<b>SUBFIELD</b>		
6 - Manufacturing, Engineering and Technology	Manufacturing and Assembly		
<b>ABET BAND</b>	<b>UNIT STANDARD TYPE</b>	<b>NQF LEVEL</b>	<b>CREDITS</b>
Undefined	Regular	Level 2	10
<b>REGISTRATION STATUS</b>	<b>REGISTRATION START DATE</b>	<b>REGISTRATION END DATE</b>	<b>SAQA DECISION NUMBER</b>
Draft - Prep for P			

**SPECIFIC OUTCOME 1**

Identify key/primary raw materials used in manufacturing processes.

**SPECIFIC OUTCOME 2**

Identify the processed (end) products and their uses.

**SPECIFIC OUTCOME 3**

Describe the handling and storage of materials.



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

## UNIT STANDARD:

19975 SANCAR QUALIFICATIONS AUTHORITY

*Demonstrate an understanding of the regulatory occupational safety, health and environmental practices*

SAQA US ID'		UNIT STANDARD TITLE	
243701		Demonstrate an understanding of the regulatory occupational safety, health and environmental practices	
SGB		PROVIDER	
SGB Clothing, Textiles, Footwear and Leather			
FIELD		SUBFIELD	
6 - Manufacturing, Engineering and Technology		Manufacturing and Assembly	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 2	12
REGISTRATION STATUS	REGISTRATION START DATE	REGISTRATION END DATE	SAQA DECISION NUMBER
Draft - Prep for P Comment			

**SPECIFIC OUTCOME 1**

Demonstrate an understanding of safe work requirements in the workplace.

**SPECIFIC OUTCOME 2**

Inspect machines and equipment for safety compliance.

**SPECIFIC OUTCOME 3**

Demonstrate an understanding of fire protection and prevention, fire fighting practices and emergency procedures.

**SPECIFIC OUTCOME 4**

Record and report unsafe acts and conditions.





## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

## UNIT STANDARD:

*Demonstrate an understanding of quality procedures and practices*

SAQA US ID	UNIT STANDARD TITLE		
243705	Demonstrate an understanding of quality procedures and practices		
SGB	PROVIDER		
SGB Clothing, Textiles, Footwear and Leather			
FIELD	SUBFIELD		
6 - Manufacturing, Engineering and Technology	Manufacturing and Assembly		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 2	10
REGISTRATION STATUS	REGISTRATION START DATE	REGISTRATION END DATE	SAQA DECISION NUMBER
Draft - Prep for P Comment			

## SPECIFIC OUTCOME 1

Demonstrate an awareness of quality in manufacturing processes and products.

## SPECIFIC OUTCOME 2

Understand the implementation of specifications and instructions in manufacturing processes.

## SPECIFIC OUTCOME 3

Describe quality control procedures in the workplace.



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

## UNIT STANDARD:

*Perform manual processes in the cutting room*

SAQA US ID		UNIT STANDARD TITLE	
243707		Perform manual processes in the cutting room	
SGB		PROVIDER	
SGB Clothing, Textiles, Footwear and Leather			
FIELD		SUBFIELD	
6 - Manufacturing, Engineering and Technology		Manufacturing and Assembly	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 2	8
REGISTRATION STATUS	REGISTRATION START DATE	REGISTRATION END DATE	SAQA DECISION NUMBER
Draft - Prep for P Comment			

## SPECIFIC OUTCOME 1

Prepare materials for cutting.

## SPECIFIC OUTCOME 2

Prepare machines, equipment and tools.

## SPECIFIC OUTCOME 3

Perform operations on cut work.

## SPECIFIC OUTCOME 4

Apply safety standards when operating machines.



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

## UNIT STANDARD:

*Apply textile testing techniques*

SAQA US ID		UNIT STANDARD TITLE	
243708		Apply textile testing techniques	
SGB		PROVIDER	
SGB Clothing, Textiles, Footwear and Leather			
FIELD		SUBFIELD	
6 - Manufacturing, Engineering and Technology		Manufacturing and Assembly	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 2	8
REGISTRATION STATUS	REGISTRATION START DATE	REGISTRATION END DATE	SAQA DECISION NUMBER
Draft - Prep for P Comment			

## SPECIFIC OUTCOME 1

Prepare machinery, equipment and materials for processing.

## SPECIFIC OUTCOME 2

Operate equipment and control production process.

## SPECIFIC OUTCOME 3

Identify and record faults in line with the relevant inspection and grading system.



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

## UNIT STANDARD:

*Monitor and maintain a fibre manufacturing process*

SAQA US ID		UNIT STANDARD TITLE	
243709		Monitor and maintain a fibre manufacturing process	
SGB		PROVIDER	
SGB Clothing, Textiles, Footwear and Leather			
FIELD		SUBFIELD	
6 - Manufacturing, Engineering and Technology		Manufacturing and Assembly	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 2	8
REGISTRATION	REGISTRATION START	REGISTRATION END	SAQA DECISION
STATUS	DATE	DATE	NUMBER
Draft - Prep for P			
Comment			

**SPECIFIC OUTCOME 1**

Prepare Materials and Equipment for Processing.

**SPECIFIC OUTCOME 2**

Operate and Maintain Equipment.

**SPECIFIC OUTCOME 3**

Monitor and Maintain the Process.

**SPECIFIC OUTCOME 4**

Quality Assure the Output of the Process.



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

## UNIT STANDARD:

*Operate and control a textile manufacturing process*

SAQA US ID		UNIT STANDARD TITLE	
243710		Operate and control a textile manufacturing process	
SGB		PROVIDER	
SGB Clothing, Textiles, Footwear and Leather			
FIELD		SUBFIELD	
6 - Manufacturing, Engineering and Technology		Manufacturing and Assembly	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 2	8
REGISTRATION STATUS	REGISTRATION START DATE	REGISTRATION END DATE	SAQA DECISION NUMBER
Draft - Prep for P Comment			

## SPECIFIC OUTCOME 1

Prepare machinery, equipment and materials for processing.

## SPECIFIC OUTCOME 2

Operate equipment and control production process.

## SPECIFIC OUTCOME 3

Identify and record faults in line with the relevant inspection and grading system.



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

## UNIT STANDARD:

*Operate and control an inspection process*

SAQA US ID		UNIT STANDARD TITLE	
243711		Operate and control an inspection process	
SGB		PROVIDER	
SGB Clothing, Textiles, Footwear and Leather			
FIELD		SUBFIELD	
6 - Manufacturing, Engineering and Technology		Manufacturing and Assembly	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 2	8
REGISTRATION STATUS	REGISTRATION START DATE	REGISTRATION END DATE	SAQA DECISION NUMBER
Draft - Prep for P			
Comment			

**SPECIFIC OUTCOME 1**

Prepare machinery, equipment and materials for processing.

**SPECIFIC OUTCOME 2**

Operate equipment and control production process.

**SPECIFIC OUTCOME 3**

Identify and record faults in line with the relevant inspection and grading system.