CONTENTS • INHOUD

GOVERNMENT NOTICES

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

No. 483   **26 May 2006**

SAQA

SOUTH AFRICAN QUALIFICATIONS AUTHORITY (SAQA)

In order to proceed with the recognition of Standards Generating Bodies in terms of Government Regulations 19(1)(c) and 22(2) of 28 March 1998, Organising Field 06, Manufacturing, Engineering and Technology, invites public comment with respect to *the acceptability of the nominees and the representativeness of the key education and training stakeholder interest groups* listed as SGB applicants below.

In addition, the coordinator invites submissions from interested parties wishing to serve on such an SGB. Interested parties should take note of the section on SGB Information below.

All nominations/ applications should be accompanied by curricula vitae.

More information regarding this application may be obtained on the SAQA website or from the SAQA offices.

Comment should reach the Directorate at the address below by not later than *22 June 2006*. All correspondence should be marked **SGB for Generic Manufacturing, Engineering and Technology** and addressed to:

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

SGB INFORMATION

As a necessary step in the development and implementation of the National Qualifications Framework, The Directorate of Standards Setting and Development is briefed [regulation 19(1)(c) of 28 March 1998] to recognise or establish Standards Generating Bodies (SGBs).

SGBs shall:

SGBs shall:

a. generate standards and qualifications in accordance with the Authority requirements in identified sub-fields and levels;
b. update and review standards;
c. recommend standards and qualifications to Directorate;
d. recommend criteria for the registration of assessors and moderators or moderating bodies; and
e. perform such other functions as may from time-to-time be delegated by the Directorate of Standards Setting and Development.

Any bodies wishing to nominate representatives, make application to serve on, or make any other submission with regard to the above SGB should note the following information.

SGBs should be composed of organisations, which shall be key education and training stakeholder interest groups and experts in the sub-field. The Directorate, when making its final decisions will have due regard for, among other things, *the need for representativeness and equity, redress and relevant expertise in terms of the work of the SGBs.'*

Organisations proposing to nominate persons to SGBs should be sensitive to the need for *equity* and *redress*, and shall nominate persons who-
(a) will be able to consider issues of productivity, fairness, public interest and international comparability as related to education and training in the sub-field;
(b) enjoy credibility in the sub-field in question, who enjoy respect; have the necessary expertise and experience in the sub-field and have the support or backing of the nominating body;
(c) are able to advocate and mediate the needs and interests of all levels within the sub-field covered by the Standards Generating Body;
(d) are able to exercise critical judgement at a high level; and
(e) are committed to a communication process between the Standards Generating Body, the Directorate for Standards Setting and Development and the Constituency.

PUBLIC NOTICE BY THE DIRECTORATE FOR STANDARDS SETTING AND DEVELOPMENT OF ITS INTENTION TO RECOGNISE AND REGISTER A STANDARDS GENERATING BODY (SGB) FOR GENERIC MANUFACTURING, ENGINEERING AND TECHNOLOGY

The Directorate for Standards Setting and Development, in terms of NSB *Regulation 24 (1) (e)*, intends to recognise and register a Generic Manufacturing, Engineering and Technology (GMET) SGB in the sub-fields of Engineering and Related Design, Manufacturing and Assembly, Fabrication and Extraction.

PROPOSED BRIEF

1. Develop and/or review generic and trades related qualifications and/or unit standards in Manufacturing, Engineering and Technology (MET) in the sub-fields of Engineering and related design, Manufacturing and Assembly, Fabrication and Extraction from Level 1 through to Level 5*[Regulation 24(1)(e)]*.

2. Research, identify, source and /or develop such qualifications and/or unit standards within its defined scope. Generate qualifications and/or unit standards in accordance with Authority requirements, at NQF Levels 1 to 8: *[Regulation 24(1)(e)]*.

3. Recommend qualifications and/or unit standards generated under 2 above to the Directorate for Standards Setting and Development *[Regulation 24(1)(c)]*.

4. Recommend criteria for the registration of assessors and moderators or moderating bodies *[Regulation 24(1)(d)]*.

5. Review these qualifications and/or unit standards and effect the necessary changes *[Regulation 24(1)(b)]*.

6. Maintain liaison during the process of developing qualifications and/or unit standards with other related Standards Generating Bodies as and when directed by the Directorate for Standards Setting and Development *[Regulation 24(1)(e)]*.

PROPOSED COMPOSITION: SGB GMET

NOMINEE	WORKPLACE	NOMINATING BODY	EXPERIENCE / QUALIFICATIONS
J Guild	South African Institute of Welding (SAIW)	SAIW	• BSC. Honours in Metallurgy • Executive Director, SAIW • Lecturer, Welding Appreciation Course for Engineers • Member of the Welding SGB
G.J. Brokenshire	Anglogoldashanti	MQA	• BSc. Electrical Engineering • Management Development Diploma • Government Certificate of Competency – Factories, Mines and Works • Chief Electrical Engineer • Division Training Manager • Manager – MQA Learnership's Committee
W Paynter	World Focus	MQA	• NTC 3 Artisan Diploma • Managers Diploma in Chamber of Commerce • Artisan Fitter and Turner • Technical Training Supervisor
Dr. A van der Linde	Electrical Infrastructure SGB	Electrical Infrastructure SGB	• Post Graduate HED (Technical • M Dip Tech Electrical Engineering • PhD Electrical Engineering • Registered Professional Technologist (Engineering) with ECSA • Registered Installation Electrician with the Dept. of Manpower • National Advisory Board on Wind Energy • Member - Institute of Professional Engineering Technologists • Member - Sustainable Energy Society of South Africa • Member – International Energy Foundation • Apprentice and then Electrician • Technician • Project Engineer • Lecturer, Senior Lecturer, Principal Lecturer • Consultant and company director

C. Brink	CISGB	CISGB	• National Technical Diploma; • National N Diploma; National Teachers Diploma; National Higher Diploma: Post School; • National Trade Diploma; Fitting & Turning; SDF; Assessors; Moderators • Previously Exco Member NSB 12; SGB Civil; SGB Chemical Industries; 6 years Technikon; 25 years FET Colleges; Curriculum Developer (FET General (Schools) & FET Vocational (Colleges); Qualifications and Standards Writer; • Technical Author 20 publications • Chairperson CI SGB Engineering Qualifications Review committee
D. Timm	CISGB	CISGB	• MSc in Chemical Education • HOD – Educational Technology • Chairperson of CISGB
P. Greyling	Majuba College	Majuba College	• Nat. Diploma Welder • Work experience of 24 years at Iscor and Majuba College. NQF Assessor, Moderator • Inspector Level 1 • Inspector Level 2 • Training Instructor in Welding
S Rudolph	Unilever	FoodBev SETA	• ETD Facilitator Engineering • National N Diploma • Program in maintenance engineering-University of Pretoria • Master Certificate in Human resource development • Production Management Diploma • Skills Development Facilitator • Electrical technician • Systems integration technician • Factory manager • Control Technician/Control Foreman • Master Certificate for electrical installation • Wireman's licence • Advance Occupational, Health and Safety • Practical Intrinsic Safety for Engineering and Technicians

P Moncur	ECSA	ECSA	• National Higher Diploma in Mechanical Engineering • Diploma in Logistics • Professional Engineering Technician • Chairman of Chamber of Engineering Technology • Chairman of Technicians Registration Committee • Member of Engineering SGB • Past President and present Committee member of Lifting Equipment Engineering Association of S.A. • Former Council member of North-West Technikon • *35 years experience in mechanical and transportation engineering* • Rail Networks Mechanical Manager • Regional Mechanical Engineer • Senior Mechanical Engineer
L Prinsloo	SAPPI	SAPPI	• National Diploma Analytical Chemistry • National Higher Diploma Analytical Chemistry • BA Education • Certificate in Distance Education • Unit Standard Writing Certificate • Laboratory Technician • Lecturer/Senior Lecturer/HOD • SGB Co-ordinator • Design of Qualifications • Skills Development • *National Examiner/Moderator*
V Zwane	Scaw Metals Group	MERSETA	• Secondary Technical Teacher's Diploma (Electrical) • National Diploma: Electrical Engineering (Light-Current) • National Higher Diploma: Electrical Engineering (Heavy-Current) • National Certificate: Management Development Programme (MDP) • B. Tech: Human Resource Development (HRD) • Bachelor of Technology (B. Tech.): Electrical • Practical Intrinsic Safety Course • General Instrumentation Course

			• Microstation CAD Course • Plant Instrumentation System (Pisys) training • Assessor training • Skills Development Facilitator (SDF) training • Group Training Manager • Learnership Manager • Control & Instrumentation Project Designer • Control & Instrumentation Design Technician • Control & Instrumentation Engineer
A Gouws	Mittal Steel (SA)	MERSETA	• National Diploma Electrical Engineering (HC) • BTech, Electronic communication (Cur.) • International Diploma in Teaching and Training • Registered ETDP, Assessor & Moderator • Training Officer, Electronics and PLC's Member of the Advisory Committee at the Vaal University of Technology. • Manager Mittal Steel Technical Training
K Dumisani	Spoornet	TETA	• National Assessment Certification (IEB) • Benchmarking (Certificate) • ETDP Certificate RAU • International Computer Driving Licence (ICDL) • Accredited Assessor • National Diploma in Project Management • Bcom: Human Resource Management – Cur • Manager Technical Training • Industrial Technician - Customer Service and Production
F J Swanepoel	Energy Seta	Energy Seta	• Nat Diploma (Electrical) • ETQA Manager – Energy Seta • General Manager – Palaborwa Foundation • Training Manager – BMW (SA) • Management Diploma • Registered Auditor

T L Oosthuizen	Eskom Generation	Energy Seta	- Management Diploma - B Com - Human Resources / Policy and Assurance Manager - Power Plant Operating Manager
M J Nineh	CTFL SETA	CTFL SETA	- Technical Studies ONC in Mechanical Engineering - Toolroom Artisan - Machine Shop Foreman, East African Railways & Harbours: - Instructor/Senior Instructor, East African Railways & Harbours Training School, Nairobi - Technical Instructor, Engineering & Technical Drawing, SITI Technical College, Technical Training Manager) Group Training Manager- Textile Industry

No. 484   **26 May 2006**

SAQA

SOUTH AFRICAN QUALIFICATIONS AUTHORITY (SAQA)

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All nominations/ applications should be accompanied by curricula vitae.

More information regarding this application may be obtained on the SAQA website or from the SAQA offices.

Comment should reach the Directorate at the address below by not later than *22 June 2006.* All correspondence should be marked **SGB for Criminology and Criminal Justice** be addressed to:

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

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b.   update and review standards;

c.   recommend standards and qualifications to Directorate;

d.   recommend criteria for the registration of assessors and moderators or moderating bodies; and

e.   perform such other functions as may from time-to-time be delegated by the Directorate of Standards Setting and Development.

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Organisations proposing to nominate persons to SGBs should be sensitive to the need for **equity** and **redress**, and shall nominate persons who-
(a)   will be able to consider issues of productivity, fairness, public interest and international comparability as related to education and training in the sub-field;
(b)   enjoy credibility in the sub-field in question, who enjoy respect; have the necessary expertise and experience in the sub-field and have the support or backing of the nominating body;
(c)   are able to advocate and mediate the needs and interests of all levels within the sub-field covered by the Standards Generating Body;
(d)   are able to exercise critical judgement at a high level; and
(e)   are committed to a communication process between the Standards Generating Body, the Directorate for Standards Setting and Development and the Constituency.

PUBLIC NOTICE BY ORGANISING FIELD 08, LAW MILITARY SCIENCE AND SECURITY OF THE REGISTRATION OF THE STANDARDS GENERATING BODY (SGB) FOR CRIMINOLOGY AND CRIMINAL JUSTICE.

BRIEF OF THE SGB

The Organising Field 08 hereby registers the SGB for Criminology and Criminal Justice in the sub-field of Safety in Society, in order to:

1. Identify transformation, development, access and equity issues relevant to criminology and criminal justice and develop mechanisms to include these issues within the standards and qualifications as envisaged in (3) below *[Regulation 24(1)(e)]*.

2. Develop learning and career pathways for potential standards and qualifications in criminology and criminal justice from NQF level 4 through to level 8 *[Regulation 24(1)(e)]*

3. Generate qualifications and unit standards in accordance with SAQA requirements *[Regulation 24(1)(a)]*

4. Recommend the qualifications and standards generated in paragraph 3, above, to Organising Field 08 *[Regulation 24(1)(c)]*.

5. Recommend criteria for the registration of assessors and moderators or moderating bodies *[Regulation 24(1)(d)]*.

6. Review these qualifications and unit standards and effect the necessary changes *[Regulation 24(1)(b)]*.

7. Perform such other functions as may from time to time be delegated by Organising Field 08 (Law, Military Science and Security) *[Regulation 24(1)(e)]*.

PROPOSED COMPOSITION: SGB FOR CRIMINOLOGY AND CRIMINAL JUSTICE

NOMINEE	WORKPLACE	NOMINATING BODY	EXPERIENCE/QUALIFICATIONS
Dr V Chetty	University of Kwa-Zulu Natal	University of Kwa-Zulu Natal	• BA • BA Hon • MA • PHD
A Dissel	Centre for the Study of Violence and Reconciliation	Centre for the Study of Violence and Reconciliation	• BA • LLB
D Kgosimore	University of Limpopo	CRIMSA	• MA
H Klopper	University of Pretoria	University of Pretoria	• BA • BA Hon • MA
Dr A Maree	South African Banking Risk Information Centre	South African Banking Risk Information Centre	• BA • BA Hon • MA • D Litt et Phil
Prof CMB Naudè	UNISA	CRIMSA	• BA • BA Hon • MA • D Litt et Phil
R Peacock	Monash South Africa	Monash South Africa	• BA • BA Hon • MA
Prof HF Snyman	UNISA	UNISA	• BA • BA Hon • MA • D Litt et Phil • Fundamental Management Programme • Diploma in Criminal Justice and Auditing • Certificate in Compliance Management • Certificate in Corruption Prevention
G Swanepoel	Criminology Research Centre for Wildlife and Ecological Crime	Criminology Research Centre for Wildlife and Ecological Crime	• BA • BA Hon
J Toebosch	Ndlovu Medical Centre	CRIMSA	• LLB • PHD
E van der Spuy	University of Cape Town	University of Cape Town	• MA

No. 485   **26 May 2006**

PUBLIC NOTICE BY ORGANISING FIELD 08, LAW MILITARY SCIENCE AND SECURITY OF THE RE-REGISTRATION OF THE STANDARDS GENERATING BODY (SGB) FOR SECURITY.

BRIEF OF THE SGB

The Organising Field 08 herby re-registers the SGB for Security in the sub-field of Safety in Society in order to:

1. Identify transformation, development, access and equity issues relevant to criminology and criminal justice and develop mechanism to include these issues within the standards and qualifications as envisaged in (3) below *[Regulation 24(1)(e)]*.

2. Develop learning and career pathways for potential standards and qualifications in Security *[Regulation 24(1)(e)]*

3. Generate the qualifications and unit standards in accordance with SAQA requirements *[Regulation 24(1)(a)]*

4. Recommend the qualifications and standards generated in paragraph 3, above, to Organising Field 08 *[Regulation 24(1)(c)]*.

5. Recommend criteria for the registration of assessors and moderators or moderating bodies *[Regulation 24(1)(d)]*.

6. Review these qualifications and unit standards and effect the necessary changes *[Regulation 24(1)(b)]*.

7. Perform such other functions as may from time to time be delegated by Organising Field 08 (Law, Military Science and Security) *[Regulation 24(1)(e)]*.

COMPOSITION: SECURITY SGB

NOMINEE	WORKPLACE	NOMINATING BODY	EXPERIENCE/QUALIFICATIONS
WW Acutt	Coin Security	South African National Security Employers' Association. Western Cape Security Association	Completed the following learning programmes: • B Com • Management Advancement programme • Certificate in Management Security • Certificate in Project Management • Diploma in Labour Law • Registered Grade A Security Officer Work experience includes: • Employed by the South African Navy for 8 years • Worked for B.S.A Police for 15 years • Worked for Soweto City Council for 9 years • Worked for Coin Security Group (Pty) for 14 years
D. Alexander	Imvula Skills Development	Imvula Group	Completed the following learning programmes: • Security • Development and Design of Quality Management Systems • Assessor • Moderator • Facilitation • Programme Design Work experience includes: • Works as a Human Resources Officer • Took part in the development of COSATU's strategy on training and education • Member of National Training Board • Member of National Skills Authority • Chairperson of Security Officers Interim Board Training Committee

			• ETQA Manager at POSLEC SETA
J. Bezuidenhout	Fidelity Security Services	South African National Security Employers' Association Western Cape Security Association Khulani Fidelity	Completed the following learning programmes: • National Certificate in Police Administration • National Certificate Security Management • Certificate Training Management • Diploma in Human Resource Management Work experience includes: • 6 years experience in South African Police Services • 15 in Safety and Security Services
AK Boodhoo	Ekhurhuleni Metro Police Department	Ekhurhuleni Metro Police Department	Completed the following learning programmes: • Civil Engineering • Personnel management • Project management • Diploma in Labour Law • Masters Assessors Qualification • International Law Enforcement Work experience includes: • Site Engineering • Operational manager • Acting Director for Private Security Industry Regulatory Authority
L. Breetzke	National Ports Authority	National Ports Authority	Completed the following learning programmes: • Certification in Basic Course in the Investigation and Solving of Crime • Crime Intelligence • Corporate Counter-Intelligence. • Security Management. Work experience includes: • 32 years of experience in administration, security, investigations and training

MG Dintsi	South African Transport and Allied Workers Union	South African Transport and Allied Workers Union	Completed the following learning programmes: • Security Management Work experience includes: • Trade Union Experience with SATAU and NUMSA
J Du Preez	Masterkey Locksmith cc	Locksmiths Association of South Africa	Completed the following learning programmes: • Marketing Diploma • Qualified locksmith • 16 Years experience as a locksmith
NL Gillespie	Elvey Security Technologies	Electronic Security Distributors Association	Work experience includes: • 15 Years experience in Electronic Security Industry • Involved in training electronic security technicians • Facilitated Alarm Technicians Course • Written technical training programmes
M Haggard	Stallion Learning Centre (Pty) Ltd.	Stallion Security (supported by Security Services Employers Organisation)	• Institute of Personnel Consultants Completed the following learning programmes: • Skills Development Facilitation • Train The Trainer • ABET Facilitation • Time Management • Project Management • Accreditation of Training Providers
JC Hough	Anglo Platinum Limited	Chamber of Mines	Completed the following learning programmes: • Completed Human Resources Management Diploma Level 6 • Accredited with PSIRA: Director Grade A • Registered assessor and moderator with POSLEC SETA Work experience includes: • 12 years experience as a South African National Defence Force Officer • 11 South African National Defence Force internal

			courses completed • 2 years working experience as a Protection Services Training Officer • 4 years working experience in Protection Services Training. • Currently working as Human resources Development Manager Protection Services
TE Hughes	Stretch Hughes and Associates	Campus Protection Association of South Africa	Work experience includes: • Police experience including Riot and Crowd Control, Weapons Training and Musketry, Firearms, Crime Intelligence. • Registered Assessor Completed the following from Private Security Industry Regulating Authority: • Grade E – Grade A • Armed Response Officer • Firearms: Handgun, Shotgun and Rifle • Range Officer • Retail Security Assets-in-Transit • Special Events Registered Instructor for: • National Key Points Security Guard • National key Points Control Guard • Firearms Instructor • Range Officer Completed the following learning programmes: • National Rifle Association of America certificate of Training • Safety Training for Supervisors • Advanced Safety Training Course • Industrial Fire Protection Course • Office and Home Security

TJ Irvine-Smith	Ronin Protection Services cc	Security Industry Alliance.	Completed the following learning programmes: • Bachelor of Arts • Bachelor of Laws • Close Protection Course • PSIRA Security Instructor • Advanced Firearms Certificate • Paramedic • Range Officer • Assessor • Moderator • Verifier Work experience includes: • National Security Manager and Close Protection Officer • State Prosecutor • Advocate • Close Quarter Battle Instructor
CR Kerwin	National Ports Authority South Africa.	Department of Transport.	Completed the following learning programmes: • Executive Management • Risk, Safety and Security Management • Cash in Transit, Retail and Armed Response Work experience includes: • Logistics Management • VIP Security • Management of Risk • Project management • Reducing Security Risks in Commercial Ports • Translations of identified threats into countermeasures ensuring Safe and Secure Ports Nationally
N Maharaj	SECSAFE Business Partnership.	Black Economic Alliance of the Safety and Security Industry.	Completed the following learning programmes: • B Pol Degree • E.T.D.P (Adult Education) • Outcomes Based Training • Unit Standards Writing • Tactical Policing Courses • VIP Protection Course • Assessor Training

			• Moderator Training • Verifier Training Work experience includes: • Working for the South African Police Service • National Protection Unit • Presidential Protection Unit
M Mitten	NASTEC cc.	National Firearms Education and Training Institute of South Africa and NASTEC	Completed the following learning programmes: • PSIRA Grade e-Grade A & A1 • Armed Response • Cash-in-Transit • Special Events • Train – the Trainer • Instructor • Instructional Methodology • CPO/VIP Protection Officer • Firearms programmes - Basis Intermediate Advanced & Tactical • Private Investigation 1 and 2 • Banking & Financial • National Key Points • Facilitator • Coach • Assessor • Moderator • OD-ETD Practitioner Work experience includes: • Developed outcomes based training material for POSLEC SETA and PSIRA • PSIRA Firearms Training Committee Member and Firearms Instructor Accredited • South African Police Service Officer/Investigator • Regional Court Prosecutor Hillbrow SAP • Traffic and Fire officer • Firearms Instructor • Training and Investigations Manager • Key Points Instructor • Key Points Sector Supervisor • Close Protection Specialist • Private Investigator - Domestic/Commercial/Industrial

TC Motaung	South African Air Force.	South African Air Force.	Completed the following learning programmes: • National Certificate in Security Management • Officers Formative Course • Shift Leaders Course • Basic Protection Course • Junior Non Commissioned Officers Course • Cultural Diversity Courses • Dog Handlers Course • Instructor Course • Musketry Course • Officers Safety Range Course Work experience includes: • Setting objectives for Security Training • Monitor curriculum of training • Operational Security Officer • Evaluation Co-ordinator • Training Officer • Dog Handler • Security Event Manager Assistant
M Mponana	PSIRA	PSIRA	Completed the following learning programmes: • National Diploma: Police Admin • National Higher Diploma: Policing • National Diploma: Criminal Justice and Forensic Investigation Work experience includes: • Evaluation and accreditation of course materials • Management of Recognition of Prior Learning
D Newman	Anglo Platinum.	Service Dog Operators Association.	Completed the following learning programmes: • Companion Animal Behavior course • Advanced Animal behavior course • Assessor course

			• Moderator and Assessment Designer course • 21 Years experience in the field of Dog Handling Security/SAPS • PSIRA registered grade DH-5 Dog Handler Instructor • Secretary of the Service Dog Operators Association
I Nyaka	Magnumshield Security.	Security Services Employers Organisation.	Completed the following learning programmes: • Honours Degree in Employment Relations • Diploma in Labour Law • Junior Management Development Programme Certificate • Degree in HR Management • National Diploma in Personnel management • Personnel Management Certificate • Assessors course • Performance Management Work experience includes: • Formulation of HR Strategy for Security Organisation • Development and implementation of Employment Equity and Skills Development • Representation at CCMA • Handled Bargaining Council Cases • Development of training materials • Conducting skills audits • Presentation of training courses
I Patel	Safety and Security SETA.	Safety and Security SETA.	Completed the following learning programmes: • Advanced Diploma in Education, Training and Development • Emerging Leadership Programme • National Diploma: Police Administration • National Certificate:

			Policing • National Higher Certificate: Policing • Various courses such as Project management, Quality assurance course, Skills Development Facilitation course, Outcomes Based Assessment course, Internal Quality System Auditor course
DM Pillay	National Key Points.	South African Police Service.	Field Training Manager at Protection and Security Services Training Manager National Key Points Work experience includes: • Draft and implement policies • Monitor training programmes • Evaluation of trainers and trainees • Interviewing and recruitment of prospective trainers • Maintain training standards • Ensure compliance with respect to the National Key Points Act • Review training curriculum for National Key Points • Annual evaluations of National Key Points security training providers • Monitor and evaluate refresher training and practical shooting
A Pretorius	ITA Firearms.	ITA Firearms.	Completed the following learning programmes • Qualified moderator • Appointed verifier • Certified National Rifle Association Training Counsellor, Firearms Instructor, Law-Enforcement Officer, SWAT Instructor and Training Counsellor Trainer • Train the Trainer

| J Ras | Fidelity Security Services Training College. | South African Institute of Security. | Work experience includes
• 20 Years experience in the Field of Security and Training and Development
• Training Manager: Robertville College |
| DT Van Jaarsveld | South African Police Service. | South African Police Service. | Completed the following learning programmes:
• National Diploma: Police Administration
Work experience includes:
• 22 Years in Protection
• 18 Years in VIP Training |

No. 486   **26 May 2006**

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

Air Defence

Registered by Organising Field 08, Law, Military Science and Security, 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 qualification and unit standards can be accessed via the SAQA web-site at **www.saqa.org.za**. Copies may also be obtained from the Directorate for Standards Setting and Development at the SAQA offices, **Hatfield Forum West, 1067 Arcadia Street, Hatfield, Pretoria.**

Comment on the qualification and unit standards should reach SAQA at the address *below and no later than 22 June 2006.* All correspondence should be marked **Standards Setting – SGB for Air Defence** and addressed to

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

S BHIKHA
DIRECTOR: STANDARDS SETTING AND DEVELOPMENT

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

QUALIFICATION:

National Diploma: Electronic Warfare

SAQA QUAL ID	QUALIFICATION TITLE		
50500	National Diploma: Electronic Warfare		
SGB NAME		**ORGANISING FIELD ID**	**PROVIDER NAME**
SGB Air Defence		8	
QUAL TYPE		**ORGANISING FIELD DESCRIPTION**	**SUBFIELD**
National Diploma		Law, Military Science and Security	Safety in Society
ABET BAND	**MINIMUM CREDITS**	**NQF LEVEL**	**QUALIFICATION CLASS**
Undefined	240	Level 5	Regular-Unit Stds Based

PURPOSE AND RATIONALE OF THE QUALIFICATION

Purpose:

This qualification is aimed at learners who work or intend to work in the electronic warfare environment as operators or in related occupational fields in the context of the sovereignty of the state and government law enforcement, and who seek recognition for essential skills in the conduct of electronic warfare operations. Electronic warfare encompasses manipulation of the electro-magnetic spectrum to take control, deny undesirable use and to exploit own use thereof for organisational purposes. Electronic warfare consists of Signal Intelligence (SIGINT), Electronic Support Measures (ESM) and Electronic Counter Measures (ECM).

This qualification will also be valuable for those who may have been practising within the electronic warfare sector, but without formal recognition. This qualification is designed to be flexible and accessible so that learners who successfully complete this qualification know about and will be able to conduct the essential operations in electronic warfare.

Learners studying towards achieving this qualification will be able to:

> Manage people in the work environment.
> Conduct electronic warfare operations.
> Assess stressful situations to apply resources.
> Analyse EW information for future application in a sovereignty of the state and government law enforcement environment.

In addition, learners will be able perform some of the following electives according to their choice of elective specialisation:

> Perform landward electronic warfare operations.
> Perform airborne electronic warfare operations.
> Perform seaborne electronic warfare operations.

Practitioners will generally carry out their role within the context of a sovereignty of the state and government law enforcement environment in times of peace and war.

Rationale:

Electronic warfare refers to the manipulation of the electro magnetic spectrum in order to fulfil a specific purpose such as to protect national assets, thereby ensuring the sovereignty of the Republic of South Africa. This qualification may be achieved in one of the electronic warfare streams - landward, airborne or seaborne. In order to meet the requirements of the workplace, the identification and recognition of competencies required by electronic warfare operators and the identification of how these relate to other

military roles is vital. There is a critical need to provide recognition to people who are able to function within the electronic warfare domain.

The majority of the learners for this qualification are likely to be working in the South African National Defence Force, with the knowledge gained in this qualification being directly applicable to the electronic warfare community of South Africa. Experienced electronic warfare operators are also in general demand in the intelligence sector, government law enforcement and defence industry.

This qualification will give learners the opportunity to build on the skills, knowledge, understanding and experience they have to earn a formal qualification in electronic warfare. Learners will be able to work in a high stress situation and apply integrity, assertiveness and self-discipline to their daily lives. Professional conduct is also embedded in this qualification and will enhance the general image of the security forces in South Africa.

RECOGNIZE PREVIOUS LEARNING?

Y

LEARNING ASSUMED TO BE IN PLACE

> Communication at NQF level 4.
> Mathematics at NQF level 4.
> Computer Literacy at NQF level 3.
> Interpret a topographical map for navigational purposes NQF level 4.
> Perform counter insurgency operations at NQF level 4.

Recognition of Previous Learning:

This qualification can be achieved wholly or in part through recognition of prior learning in terms of the defined exit level outcomes and/or individual unit standards.

Evidence can be presented in various ways, including international and/or previous local qualifications, products, reports, testimonials mentioning functions performed, work records, portfolios, videos of practice and performance records.

All such evidence will be judged in accordance with the general principles of assessment and the requirements for integrated assessment.

Access to the qualification:

Learners for this qualification need to communicate effectively. Auditory skills will also limit access to the qualification in certain instances. Clear vision is also a requirement for achieving many of the outcomes of this qualification, and colour blindness or poor vision may hinder applicants from successfully completing this qualification. Physical fitness is required to perform many outcomes and a physically challenged person may not be able to achieve this qualification.

QUALIFICATION RULES

Fundamental:

Learners must achieve all 40 fundamental credits.

Core:

Learners must achieve all 98 core credits.

Elective Specialisation:

Learners must achieve at least 102 credits of their choice from any of the available elective credits in either one of the specialisation streams (landward, airborne and seaborne) or from the generic elective component. Elective streams of additional unit standards will be added to this qualification once they have been developed.

Airborne electronic warfare elective stream unit standards:

> Manage short range communication specific to aircraft.
> Demonstrate the use of short-range communication specific to aircraft.
> Demonstrate understanding of human performance and limitations in aviation.

> Demonstrate understanding of South African Aviation law, International Civil Aviation Organization rules and procedures for small commercial aeroplane operations.
> Interpret meteorology for aviation.
> Demonstrate understanding of the principles of flight.
> Demonstrate knowledge of airpower.
> Apply survival techniques for aircrew members.
> Describe small aeroplane components and emergency equipment.
> Demonstrate an understanding of the principles of operation and use of radio aids in air navigation.
> Demonstrate an understanding of aircraft instrumentation.
> Demonstrate understanding of the principles of navigating an aircraft.
> Conduct an Electronic Counter Measures (ECM) operation.

EXIT LEVEL OUTCOMES

1. Manage people in the work environment.
2. Conduct electronic warfare operations.
3. Assess stressful situations to apply resources.
4. Analyse EW information for future application in a sovereignty of the state and government law enforcement environment.

Elective Exit Level Outcomes:
5. Perform airborne electronic warfare operations.

This qualification allows for further elective exit level outcomes once the unit standards have been developed and linked to this qualification by the landward or seaborne electronic warfare specialists.

This qualification addresses the following Critical Cross-Field Outcomes, as detailed in the unit standards:

> The ability of the learner to identify and solve problems through identifying the correct transmissions to interpret.

> The ability of the learner to work effectively with others as a member of a team, group organisation or community is demonstrated through participating in and providing input for the entire EW operation.

> The ability of the learner to organise and manage him/her self responsibly and effectively is demonstrated through adhering to operational requirements for the entire EW operation.

> The ability of the learner to collect, analyse, organise and critically evaluate information is demonstrated through categorising data according to operational requirements.

> The ability of the learner to communicate effectively in the modes of oral and/or written presentation is demonstrated through disseminating data and communicating with colleagues.

> The ability of the learner to use science and technology effectively and critically, showing responsibility towards the environment and the health of others is demonstrated through operation of SIGINT and ESM systems.

> The ability of the learner to demonstrate an understanding of the world as a set of related systems is demonstrated through describing the consequences of poor performance.

> The ability of the learner to contribute to own full personal development is demonstrated through working autonomously under stressful conditions.

ASSOCIATED ASSESSMENT CRITERIA

1.
> The ability to communicate within an organisation is demonstrated in terms of personnel management.
> Individual skills and competencies of personnel are analysed in accordance with organisational prescripts.
> Training needs of personnel are evaluated in accordance with organisational requirements.
> Timeframes are set and adhered to in terms of achieving agreed results.

2.
> Preparation ensures the optimal functioning of electronic warfare operations.
> The site selected for electronic warfare operations is appropriate for the type of operation.
> Electronic warfare operations are conducted in accordance with operational requirements.
> Electronic warfare data is analysed to determine the implications on an operation.
> Electronic emission theory is analysed in terms of the manner in which it is interpreted.

> Electronic warfare systems are deployed in accordance with operational requirements.

3.
> The extent of stress in given situations is identified in order to determine the impact on the operation.
> Stressful situations are handled in a manner that maximises the required operational results.
> Resources are applied to enable the resolution of a situation.

4.
> Electronic emissions of operational forces are exploited to gather relevant information.
> Changes in the electro-magnetic battle space are identified and actions taken are relevant to the situation.
> Analysed information is used to develop counter measures.

5. Elective ELO:
> Short range communication between aircraft is managed in accordance with SANDF protocols.
> Current legislation pertaining to aircraft is explained in relation to the effect on EW operations.
> Aircraft instrumentation is explained in terms of its purpose and advantages in relation to EW operations.
> Principles of navigating an aircraft are explained in relation to EW operations.
> Topography is described in terms of the impact on EW operations.
> Airborne specific EW systems are operated in accordance with operational requirements.

Integrated Assessment:

Assessment should be carried out at regular intervals as well as at the end of the periods of study and should be assessed in an integrated way. It is envisaged that learners will work at more than one unit standard at a time.

The achievement of applied competence of this qualification will be demonstrated if learners are able to apply electronic warfare techniques in their respective streams for the effective planning of joint, combined and multi-national operations through the gathering and dissemination of electronic warfare data.

Learners must demonstrate the ability to engage in the operations selected in an integrative way, dealing with divergent and "random" demands related to these work operations under stressful situations. Evidence is required that the learner is able to achieve the purpose of the qualification as a whole at the time of the award of the qualification. Integration of skills will be demonstrated through the achievement of the core operational standards.

Assessors should note that evidence of integration could well be presented by learner when being assessed against the individual unit standards. Thus, there should not necessarily be separate assessments for each unit standard and then further assessment for integration. Well-designed assessments should make it possible to gain evidence against each unit standard while at the same time gaining evidence of integration.

INTERNATIONAL COMPARABILITY

Due to the sensitive nature of the electronic warfare environment it was difficult to compare the content (unit standards) of this qualification to that of other countries. The comparisons found that no other countries have qualifications directed towards electronic warfare, so the task team considered the skills and knowledge taught to electronic warfare operators as the basis for this comparison. The following countries were selected as follows:

United States of America:

The United States of America (USA) was chosen for international comparability as they are currently the world leaders in terms of Signal Intelligence and Electronic Warfare. The US military conducts Information Operations and divides Information Operations into two categories namely, Information-in-Warfare (IIW) and Information Warfare (IW).

IIW is an intelligence function that conducts information collection activities. It includes Intelligence, Surveillance and Reconnaissance. Intelligence is further subdivided into various disciplines including Signal Intelligence (SIGINT). SIGINT is further divided into Communication Intelligence (COMINT), Electronic Intelligence (ELINT) and Foreign Instrumentation Signals Intelligence (FISINT).

IW is an operational function that conducts offensive and defensive information operations. It includes EW that is further subdivided into Electronic Warfare Support (ES) / Electronic Support Measures (ESM), Electronic Attack (EA) / Electronic Counter Measures (ECM) and Electronic Protection (EP) / Electronic Counter-Counter Measures (ECCM).

It was identified that EW Operators in the US Air Force, Marine and Navy hold similar posts to that of South Africa. It was noted that in the USA members specialise in one function only such as ground based Communication Intelligence. In the SA Air Force Signal Intelligence / Electronic Warfare Operators / Officers operate in all the various different functions of Signal Intelligence as well as Electronic Warfare.

The US Air Force does not specify the duration of experience required, but applicants must have experience as Aircraft EW Specialist. This experience must have been in an active duty or Reserve status in a flying component of the US military establishment within the past 36 months. The US and Marine corpse also have specific employment entry requirements, but these are not pertinent to the qualification, only to employment in a post.

United Kingdom:

The United Kingdom (UK) was chosen for international comparability as they are currently the next world leader in terms of Signal Intelligence and Electronic Warfare. In the Royal Air Force, enlisted members specialise in only one function of Signal Intelligence, similar to the USA. Enlisted and commissioned aircrew members perform Electronic Warfare functions but again only specialising in one of different functions. The post profiles of the various functions are very similar to that of the SA Air Force, but entry requirements to a post are based on employment criteria rather than on qualifications achieved.

Australia:

Australia was chosen for international comparability as they have an outcomes-based system of education and training similar to that of South Africa. The Royal Australian Air Force employs Airborne Electronic Analysts (AEA) that performs both Signal Intelligence and Electronic Warfare tasks. These tasks are identical to those of SA Air Force Signal Intelligence and Electronic Warfare operators, but with added maritime tasks as Australia have no land neighbours and are surrounded by ocean.

Australia has specific employment entry requirements for learners applying to become an AEA, but these are not pertinent to the qualification, only to employment in a post.

New Zealand:

New Zealand was chosen for international comparability as they have an outcomes-based system of education and training similar to that of South Africa. The Royal New Zealand Air Force employs Air Electronics Operators (AEO) that performs both Signal Intelligence and Electronic Warfare tasks. The tasks are also the same as that of SA Air Force Signal Intelligence and Electronic Warfare operators but with added maritime tasks as New Zealand have no land neighbours and are surrounded by ocean.

New Zealand has specific employment entry requirements for learners applying to become an AEO, but these are not pertinent to the qualification, only to employment in a post.

ARTICULATION OPTIONS

This qualification has been designed and structured so that qualifying learners can be recognised as an electronic warfare operator. The qualification acts as a springboard from which learners may progress to qualifications in image interpretation, information warfare, counter intelligence, defence intelligence, intelligence collection and defence intelligence analysts.

Learners can move horizontally or vertically between electronic warfare related qualifications, although in most cases, certain standards will be required horizontally before moving to another qualification vertically.

This qualification articulates horizontally with the following qualifications:

This qualification articulates horizontally with the following qualifications:

> National Certificate: Statutory Intelligence Practice (level 5). 48667
> National Diploma: Applied Military Intelligence (level 5). 49852
> National Certificate: Navigation (level 5). 49950

This qualification articulates vertically with the following qualifications:

> National Diploma in Statutory Intelligence: Counter Intelligence (level 6). 49100
> National Diploma in Statutory Intelligence Practice: Analysis (level 6). 49102
> National Diploma in Statutory Intelligence: Collection (level 6). 49104
> National Diploma: Joint and Multi National Operations (level 6). 49783

MODERATION OPTIONS

> An individual wishing to be assessed (including through RPL) against this qualification or any of its associated Unit Standards may apply to an assessment agency, assessor or provider institution accredited by the relevant ETQA, or an ETQA that has a Memorandum of Understanding with the relevant ETQA.

> Anyone assessing a learner against this qualification or any of its associated Unit Standards must be registered as an assessor with the relevant ETQA or with an ETQA that has a Memorandum of Understanding with the relevant ETQA.

> Any institution offering learning that will enable achievement of this qualification or any of its associated Unit Standards 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 conducted by the relevant ETQA at its discretion.

CRITERIA FOR THE REGISTRATION OF ASSESSORS

Assessors registered with the relevant ETQA must carry out the assessment of learners for any of the unit standards that make up this qualification. However, the following criteria are specified for assessors who assess integration of this qualification:

> Be competent in the outcomes of this qualification.
> Have a minimum of 3 years working knowledge in the electronic warfare environment.

NOTES

The elective unit standard category is open-ended to allow the learner to choose the elective specialization credits associated to the elective unit standards from any discipline that would add value to the purpose of the qualification or the learner's own development on a learning pathway. The learner may choose any of the elective specialisation areas, but the unit standards within that area may be determined by organisational requirements.

UNIT STANDARDS
(Note: A blank space after this line means that the qualification is not based on Unit Standards.)

	UNIT STANDARD ID AND TITLE	LEVEL	CREDITS	STATUS
Core	114507 Understand, identify, and plan the exploitation of operational resources to collect information	Level 5	35	Registered
Core	120057 Demonstrate knowledge of electronic emission theory	Level 5	12	Registered
Core	120487 Use firearms in a military and law enforcement environment	Level 5	12	Registered
Core	123531 Analyse Signal Intelligence (SIGINT) and Electronic Support Measures (ESM) data	Level 5	6	Draft - Prep for P Comment
Core	123532 Evaluate a site for military surveillance and communications systems	Level 5	6	Draft - Prep for P Comment
Core	123533 Prepare a Signal Intelligence (SIGINT) and Electronic Support Measures (ESM) operation	Level 5	12	Draft - Prep for P Comment
Core	123534 Conduct a Signal Intelligence (SIGINT) and Electronic Support Measures (ESM) operation	Level 5	15	Draft - Prep for P Comment
Elective	11504 Give security orders and instructions	Level 4	15	Reregistered
Elective	114589 Manage time productively	Level 4	4	Registered
Elective	115468 Interpret a topographical map for navigational purposes	Level 4	2	Registered
Elective	120155 Apply survival techniques for aircrew members	Level 4	12	Registered
Elective	10146 Supervise a project team of a developmental project to deliver project objectives	Level 5	14	Reregistered
Elective	15234 Apply efficient time management to the work of a department/division/section	Level 5	4	Reregistered
Elective	114506 Apply intelligence analysis tradecraft	Level 5	35	Registered
Elective	115461 Survive emergency situations making use of natural resources for survival	Level 5	30	Registered
Elective	115753 Conduct outcomes-based assessment	Level 5	15	Registered
Elective	118027 Demonstrate an understanding of the planning process at the operational level	Level 5	13	Registered
Elective	120040 Demonstrate understanding of the concepts of operational command and control	Level 5	2	Registered
Elective	120041 Demonstrate understanding of the principles of flight	Level 5	6	Registered
Elective	120042 Interpret meteorology for aviation	Level 5	7	Registered
Elective	120044 Demonstrate knowledge of Airpower	Level 5	5	Registered

Elective	120045 Demonstrate understanding of aircraft instrumentation	Level 5	6	Registered
Elective	120047 Demonstrate understanding of human performance and limitations in aviation	Level 5	5	Registered
Elective	120052 Manage short range communication specific to aircraft	Level 5	3	Registered
Elective	120058 Demonstrate understanding of the principles of navigating an aircraft	Level 5	7	Registered
Elective	120059 Demonstrate an understanding of the principles of operation and use of radio aids in air navigation	Level 5	8	Registered
Elective	120150 Demonstrate the use of short-range communications specific to aircraft	Level 5	3	Registered
Elective	120152 Describe small aeroplane components and emergency equipment	Level 5	9	Registered
Elective	120156 Demonstrate understanding of South African Aviation law, International Civil Aviation Organization rules and procedures for small commercial aeroplane operations	Level 5	10	Registered
Elective	120161 Conduct pre and post flight procedures and administration for flights	Level 5	4	Registered
Elective	120492 Demonstrate the application of performance management	Level 5	6	Registered
Elective	123530 Conduct an Electronic Counter Measures (ECM) operation	Level 5	9	Draft - Prep for P Comment
Elective	7881 Manage workplace diversity	Level 6	5	Reregistered
Fundamental	7876 Conduct on-the-Job-Training	Level 5	8	Reregistered
Fundamental	10055 Present data to stakeholders	Level 5	5	Reregistered
Fundamental	12433 Use communication techniques effectively	Level 5	8	Registered
Fundamental	15096 Demonstrate an understanding of stress in order to apply strategies to achieve optimal stress levels in personal and work situations	Level 5	5	Registered
Fundamental	15224 Empower team members through recognising strengths, encouraging participation in decision making and delegating tasks	Level 5	4	Reregistered
Fundamental	117985 Demonstrate an understanding of the Law of Armed Conflict during multi-national operations	Level 5	10	Registered

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Conduct an Electronic Counter Measures (ECM) operation

SAQA US ID	UNIT STANDARD TITLE		
123530	Conduct an Electronic Counter Measures (ECM) operation		
SGB NAME	**ORGANISING FIELD ID**	**PROVIDER NAME**	
SGB Air Defence	8		
UNIT STANDARD TYPE	**ORGANISING FIELD DESCRIPTION**	**SUBFIELD DESCRIPTION**	
Regular	Law, Military Science and Security	Sovereignty of the State	
ABET BAND	**CREDITS**	**NQF LEVEL**	**UNIT STANDARD TYPE**
Undefined	9	Level 5	Regular

SPECIFIC OUTCOME 1

Deploy an ECM system.

SPECIFIC OUTCOME 2

Evaluate emission parameters to be jammed.

SPECIFIC OUTCOME 3

Jam emission parameters.

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Analyse Signal Intelligence (SIGINT) and Electronic Support Measures (ESM) data

SAQA US ID	UNIT STANDARD TITLE		
123531	Analyse Signal Intelligence (SIGINT) and Electronic Support Measures (ESM) data		

SGB NAME	ORGANISING FIELD ID	PROVIDER NAME
SGB Air Defence	8	

UNIT STANDARD TYPE	ORGANISING FIELD DESCRIPTION	SUBFIELD DESCRIPTION
Regular	Law, Military Science and Security	Sovereignty of the State

ABET BAND	CREDITS	NQF LEVEL	UNIT STANDARD TYPE
Undefined	6	Level 5	Regular

SPECIFIC OUTCOME   1

Evaluate data.

SPECIFIC OUTCOME   2

Integrate data into a database.

SPECIFIC OUTCOME   3

Evaluate integrated data.

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Evaluate a site for military surveillance and communications systems

SAQA US ID	UNIT STANDARD TITLE		
123532	Evaluate a site for military surveillance and communications systems		

SGB NAME	ORGANISING FIELD ID	PROVIDER NAME	
SGB Air Defence	8		

UNIT STANDARD TYPE	ORGANISING FIELD DESCRIPTION	SUBFIELD DESCRIPTION	
Regular	Law, Military Science and Security	Sovereignty of the State	

ABET BAND	CREDITS	NQF LEVEL	UNIT STANDARD TYPE
Undefined	6	Level 5	Regular

SPECIFIC OUTCOME 1

Evaluate the area of surveillance and communications operations.

SPECIFIC OUTCOME 2

Evaluate potential deployment positions.

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Prepare a Signal Intelligence (SIGINT) and Electronic Support Measures (ESM) operation

SAQA US ID	UNIT STANDARD TITLE		
123533	Prepare a Signal Intelligence (SIGINT) and Electronic Support Measures (ESM) operation		

SGB NAME	ORGANISING FIELD ID	PROVIDER NAME
SGB Air Defence	8	

UNIT STANDARD TYPE	ORGANISING FIELD DESCRIPTION	SUBFIELD DESCRIPTION
Regular	Law, Military Science and Security	Sovereignty of the State

ABET BAND	CREDITS	NQF LEVEL	UNIT STANDARD TYPE
Undefined	12	Level 5	Regular

SPECIFIC OUTCOME 1

Plan a SIGINT and ESM operation in a structured scenario.

SPECIFIC OUTCOME 2

Deploy a SIGINT and ESM system in a structured scenario.

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

SAQA

UNIT STANDARD:

Conduct a Signal Intelligence (SIGINT) and Electronic Support Measures (ESM) operation

SAQA US ID	UNIT STANDARD TITLE	
123534	Conduct a Signal Intelligence (SIGINT) and Electronic Support Measures (ESM) operation	

SGB NAME	ORGANISING FIELD ID	PROVIDER NAME
SGB Air Defence	8	

UNIT STANDARD TYPE	ORGANISING FIELD DESCRIPTION	SUBFIELD DESCRIPTION
Regular	Law, Military Science and Security	Sovereignty of the State

ABET BAND	CREDITS	NQF LEVEL	UNIT STANDARD TYPE
Undefined	15	Level 5	Regular

SPECIFIC OUTCOME 1

Intercept transmissions.

SPECIFIC OUTCOME 2

Identify transmissions.

SPECIFIC OUTCOME 3

Evaluate emission parameters and content.

SPECIFIC OUTCOME 4

Disseminate intercepts.

No. 487   **26 May 2006**

SAQA

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

Security

Registered by Organising Field 08, Law, Military Science and Security, 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 qualification and unit standards can be accessed via the SAQA web-site at **www.saqa.org.za**. Copies may also be obtained from the Directorate for Standards Setting and Development at the SAQA offices, **Hatfield Forum West, 1067 Arcadia Street, Hatfield, Pretoria.**

Comment on the qualification and unit standards should reach SAQA at the address *below and no later than 22 June 2006.* All correspondence should be marked **Standards Setting – SGB for Security** and addressed to

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

S BHIKHA
DIRECTOR: STANDARDS SETTING AND DEVELOPMENT

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

QUALIFICATION:

Further Education and Training Certificate: Firearm Training

SAQA QUAL ID	QUALIFICATION TITLE		
50480	Further Education and Training Certificate: Firearm Training		

SGB NAME		ORGANISING FIELD ID	PROVIDER NAME	
SGB Security		8		

QUAL TYPE		ORGANISING FIELD DESCRIPTION	SUBFIELD
Further Ed and Training Cert		Law, Military Science and Security	Safety in Society

ABET BAND	MINIMUM CREDITS	NQF LEVEL	QUALIFICATION CLASS
Undefined	125	Level 4	Regular-Unit Stds Based

PURPOSE AND RATIONALE OF THE QUALIFICATION
Purpose:

This qualification will allow the learner to obtain a further education and training certificate in the use of firearms and firearm related activities. The qualification will also be valuable for those who may have been practising within the discipline, but without formal recognition. This qualification is designed to be flexible and accessible so that recipients of this qualification will be bale to contribute to the effective training in the firearms industry. This qualification promotes the National Qualifications Framework ideal of life long learning and contributes to the personal development of the learner.

Qualifying learners will be able to:

> Explain, apply and support legislative requirements in the training and handling of firearms.
> Apply supervising techniques within a firearm-training context.
> Plan and manage the operation of shooting ranges.
> Select and use firearm training techniques.
> Handle and use firearms in a range of contexts.
> Demonstrate understanding of various types of firearms in terms of their components functions and uses.

Rationale:

With the implementation of the Firearms Control Act (Act 60 of 2000) a need has arisen within the firearms community of South Africa for well-trained firearm specialists. This qualification will contribute to the upliftment of all persons from the private and public sectors who train learners how to use firearms responsibly. This qualification will lead to learners from the private sector, private security agencies, public law enforcement and other government organizations receiving quality training from firearms specialists. The qualification will also contribute to the standardization of firearms training in South Africa. The qualification will assist in changing perceptions of the past regarding lack of expertise and consistency in training standards when compared to international standards.

This qualification also provides a much broader set of unit standards, thereby allowing a learner to be trained in the use of firearms from a basic to an advanced level, which will encourage best practice in the firearm training fraternity.

Members of the South African National Defence Force, the security fraternity and the South African Police Service have knowledge and skills in the use of firearms, but never gained formal qualifications thereby giving them no recognised qualification and thus stifling mobility in their career paths. The qualification will enhance not only the status and accountability of the learner, but more importantly, it will make the learner more employable within all the industries involved in the use of firearms. Qualifying learners will be capable of applying legal knowledge, practical skills and tactical applications of firearms which will contribute to the

safety of South Africa as a whole.

RECOGNIZE PREVIOUS LEARNING?

Y

LEARNING ASSUMED TO BE IN PLACE

> Communication NQF Level 2.
> Mathematical Literacy NQF Level 3.

Recognition of prior learning:

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

Access to the qualification:

Access to this qualification is open.

QUALIFICATION RULES

Learners must complete all fundamental unit standards:
> 56 credits

Learners must complete all core unit standards:
> 61 credits

Learner must also select a minimum of 8 credits from the elective component of the qualification.

Total credits required for the qualification is a minimum of 125.

EXIT LEVEL OUTCOMES

1. Explain, apply and support legislative requirements in the training and handling of firearms.
2. Apply supervising techniques within a firearm-training context.
3. Plan and manage the operation of shooting ranges.
4. Select and use firearm training techniques.
5. Handle and use firearms in a range of contexts.
6. Demonstrate understanding of various types of firearms in terms of their components, functions and uses.

Critical cross-field outcomes

> Communicate effectively using visual and language skills in the modes of oral and written presentation when presenting firearms training.
> Use science and technology effectively and critically, showing responsibility towards the environment and the health of others when using firearms.
> Identify and solve problems in which responses display that responsible decisions using critical and creative thinking have been made.
> Work effectively with others as a member of a team, group organization, community in order to perform training duties while rendering a service to the community and public at large.
> Organize and manage oneself and one's activities responsibly and effectively by making use of time management and prioritizing of duties.
> Collect, analyze, organize and critically evaluate information in order to ascertain whether a learner is competent in firearms training.
> Demonstrate an understanding of the world as a set of related systems by recognizing that problem-solving contexts do not exist in isolation and that the use of firearms has a direct influence on the economy and industry of the country.
> Contribute to the full personal development of the learner by ensuring that learners understand the community of which they form part.

ASSOCIATED ASSESSMENT CRITERIA

1.

> Current legislation, which governs the use and ownership of firearms, are listed within the South African context.
> Current legislation is described in terms of its impact on the handling and use of firearms.
> Firearms and ammunition are handled in accordance with accepted safety regulations and legal prescripts.

2.
> Supervising techniques are described with examples.
> Supervising techniques are selected and applied within a shooting range environment.

3.
> Operating principles of shooting ranges are described in terms of regulatory requirements.
> Shooting ranges are planned in accordance with accepted safety procedures.
> Shooting ranges are managed within a training context.

4.
> Training techniques are described within a firearms shooting range context.
> Techniques are selected according to training needs pertaining to the handling and use of specific types of firearms.
> Firearm training techniques are applied within a shooting range context.

5.
> Firearms are handled in accordance with prescribed safety procedures.
> Methods of using firearms are demonstrated within structured scenarios.

6.
> Types of firearms are described in terms of their operating principles and uses.
> Components of firearms are described in terms of their effect on the safe handling of the firearm.

Integrated assessment:

Integrated assessment at the level of the qualification provides an opportunity for learners to show that they are able to integrate concepts, ideas and actions across unit standards to achieve competence that is unmistakably consistent in relation to the purpose of the qualification.

The applied competence i.e. practical, foundational, reflective competencies will be achieved if a person is able to completely carry, handle, shoot, maintain and apply the relevant legal knowledge, applicable to the different disciplines of firearms being used, whether in the workplace for private or public law enforcement.

All critical cross field outcomes should be assessed during any combination of practical, foundational and reflexive competency assessment methods in order to determine the integration of applied knowledge and skills.

All exit level outcomes are measurable and can be verified through assessment criteria if assessed in respect of one application or unit standard.

A broad range of task orientated practical assessments and theoretical assessment tools may be used.

INTERNATIONAL COMPARABILITY

In many instances comparison was difficult to do as most countries regulate the use of firearms with legislation which differs from country to country. Where information was requested from international organizations (specific reference to government organizations which are the main users of firearms within a work context), many of these organizations refused to divulge information that they regard as sensitive. Therefore it was particularly difficult to compare unit standards such as the tactical use of firearms as these methods and techniques used are secretive in nature. However, the following comparisons were done with the help of individuals from other countries.

United States of America:

The qualification compares favourably against standards found in the United States of America. In support of this statement the qualification was compared with the National Rifle Association (NRA) standards. Unit standards 119649, 119650, 119651 and 119652 compare well to the NRA "1st steps" program which is considered a basic or entry level set of unit standards for the use and handling of firearms. Unit standards 10748, 10750, 10754 and 10756 compare well to the NRA standards written for private security and public law enforcement officers and the tactical standards are very closely comparable to the American tactical standards. This comparison was done with Warren Pelton from the United States of America who was the

National Program Coordinator of the NRA and currently heads up an anti-terrorist unit in Washington.

United Kingdom:

In the United Kingdom firearms for the general public are only permitted at sport shooting facilities. The only standards that we were able to access were the law enforcement standards which compare well to our tactical standards. A comparison towards the standards was conducted by Andre Pretorius (SA) and Clive Shepard (UK Royal Marines).

Tanzania, Mozambique and Swaziland:

Firearm training standards in all of the above countries use terminology such as basic, intermediate and advanced and compare very well to our lower level standards. We found that in these countries, South African standards are mostly being used at the higher level and for tactical training required by law enforcement personnel.

Iraq:

There has recently been an unusually high need for firearm training in Iraq at all levels. The two most prominent standards being adopted in Iraq at present are the American standards which align closely to South African standards and South African trainers and standards are being widely used. Interviews were conducted with approximately eight firearm instructors who have been involved in firearm training in Iraq within the past two years.

ARTICULATION OPTIONS

This qualification will articulate horizontally with the following qualifications:

> National Certificate: Specialist Security Practices (currently under revision), ID 22491.
> Further Education and Training Certificate: Traffic Management, ID 48921.

This qualification will articulate vertically with the following

> National Certificate: Policing Level 5, ID:50122.
> National Diploma: Policing Level 5, ID:48865.

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

Assessors must be at least be competent in the outcomes of this qualification.

NOTES

This qualification is intended for the security industry and various sectors of public law enforcement as well as persons who are interested in personal development in the use of firearms. Therefore, assessors must take the working environment of the learner into account as well as the conditions that the learners will be exposed to in their working environment. Assessors are encouraged to do as much training and assessments in conditions similar to the learner's working environment during normal work or simulated situations in the workplace and on the shooting range.

Due to the fact that learners accredited with this unit standard will most often be using the firearm in a public

place or around innocent bystanders, assessors are to use professional judgment and only declare the learner competent once they feel that the learner is able to repeat their performance in the interest of consistency and safety.

Due to the nature of the activity it is essential that all assessors prove that they are capable of successfully completing the practical components of this unit standard before being registered as assessors and should provide proof on an annual basis that they are still able of completing the practical components in the interest of consistency and safety.

UNIT STANDARDS
(Note: A blank space after this line means that the qualification is not based on Unit Standards.)

	UNIT STANDARD ID AND TITLE	LEVEL	CREDITS	STATUS
Core	117705 Demonstrate knowledge of the Firearms Control Act 2000 (Act No 60 of 2000) applicable to possessing a firearm	Level 3	3	Registered
Core	119649 Handle and use a handgun	Level 3	2	Registered
Core	119650 Handle and use a self-loading rifle or carbine	Level 3	2	Registered
Core	119651 Handle and use a manually operated rifle or carbine	Level 3	2	Registered
Core	119652 Handle and use a shotgun	Level 3	2	Registered
Core	123510 Apply tactical knowledge in the use of firearms	Level 4	5	Draft - Prep for P Comment
Core	123511 Handle and use a self loading rifle or carbine for business	Level 4	3	Draft - Prep for P Comment
Core	123512 Demonstrate tactical proficiency with a shotgun	Level 4	5	Draft - Prep for P Comment
Core	123513 Demonstrate tactical proficiency with a handgun	Level 4	5	Draft - Prep for P Comment
Core	123514 Handle and use a shotgun for business purposes	Level 4	3	Draft - Prep for P Comment
Core	123515 Handle and use a handgun for business purposes	Level 4	3	Draft - Prep for P Comment
Core	123516 Supervise shooting exercises	Level 4	3	Draft - Prep for P Comment
Core	123517 Supervise the operation of a shooting range and tactical shooting exercises	Level 4	5	Draft - Prep for P Comment
Core	123518 Demonstrate tactical proficiency with a self-loading rifle or carbine	Level 4	5	Draft - Prep for P Comment
Core	123519 Handle and use a manually operated rifle or carbine for business purposes	Level 4	3	Draft - Prep for P Comment
Core	123520 Supervise firearm training	Level 5	10	Draft - Prep for P Comment
Elective	116534 Carry out basic first aid treatment in the workplace	Level 3	2	Registered
Elective	12544 Facilitate the preparation and presentation of evidence for assessment	Level 4	4	Reregistered
Elective	13951 Demonstrate knowledge and understanding of the Occupational Health and Safety Act 85 of 1993 (OHSA) (as amended) and the responsibilities of management in terms of the Act	Level 4	4	Registered
Elective	117497 Apply basic business principles	Level 4	10	Registered
Elective	115753 Conduct outcomes-based assessment	Level 5	15	Registered
Elective	120477 Demonstrate tactical and street survival techniques	Level 5	10	Registered
Elective	120485 Receive and attend to complaints	Level 5	5	Registered
Elective	120486 Demonstrate physical defensive restraining techniques	Level 5	6	Registered
Fundamental	119457 Interpret and use information from texts	Level 3	5	Registered
Fundamental	119465 Write/present/sign texts for a range of communicative contexts	Level 3	5	Registered
Fundamental	119467 Use language and communication in occupational learning programmes	Level 3	5	Registered
Fundamental	119472 Accommodate audience and context needs in oral/signed communication	Level 3	5	Registered
Fundamental	7468 Use mathematics to investigate and monitor the financial aspects of personal, business, national and international issues	Level 4	6	Reregistered
Fundamental	9015 Apply knowledge of statistics and probability to critically interrogate and effectively communicate findings on life related problems	Level 4	6	Reregistered
Fundamental	9016 Represent analyse and calculate shape and motion in 2-and 3-dimensional space in different contexts	Level 4	4	Reregistered
Fundamental	12154 Apply comprehension skills to engage oral texts in a business environment	Level 4	5	Reregistered
Fundamental	119459 Write/present/sign for a wide range of contexts	Level 4	5	Registered

| Fundamental | 119462 Engage in sustained oral/signed communication and evaluate spoken/signed texts | Level 4 | 5 | Registered |
| Fundamental | 119469 Read/view, analyse and respond to a variety of texts | Level 4 | 5 | Registered |

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Apply tactical knowledge in the use of firearms

SAQA US ID	UNIT STANDARD TITLE		
123510	Apply tactical knowledge in the use of firearms		

SGB NAME		ORGANISING FIELD ID	PROVIDER NAME
SGB Security		8	

UNIT STANDARD TYPE		ORGANISING FIELD DESCRIPTION	SUBFIELD DESCRIPTION
Regular		Law, Military Science and Security	Safety in Society

ABET BAND	CREDITS	NQF LEVEL	UNIT STANDARD TYPE
Undefined	5	Level 4	Regular

SPECIFIC OUTCOME 1

Make tactical decisions to reduce risk of injury or harm to oneself and the general public.

SPECIFIC OUTCOME 2

Demonstrate knowledge of firearms, ammunition and their application.

SPECIFIC OUTCOME 3

Arrest and search techniques are described and applied within a structured environment.

SPECIFIC OUTCOME 4

Evaluate equipment and techniques for tactical use.

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Handle and use a self loading rifle or carbine for business

SAQA US ID	UNIT STANDARD TITLE		
123511	Handle and use a self loading rifle or carbine for business		
SGB NAME	**ORGANISING FIELD ID**		**PROVIDER NAME**
SGB Security	8		
UNIT STANDARD TYPE	**ORGANISING FIELD DESCRIPTION**		**SUBFIELD DESCRIPTION**
Regular	Law, Military Science and Security		Sovereignty of the State
ABET BAND	**CREDITS**	**NQF LEVEL**	**UNIT STANDARD TYPE**
Undefined	3	Level 4	Regular

SPECIFIC OUTCOME 1

Demonstrate knowledge of safe handling principles in a business environment.

SPECIFIC OUTCOME 2

Demonstrate knowledge of the mechanical functioning of the self-loading rifle or carbine.

SPECIFIC OUTCOME 3

Operate a self-loading rifle or carbine in a business environment.

SPECIFIC OUTCOME 4

Demonstrate knowledge of self-loading rifle or carbine under adverse conditions.

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Demonstrate tactical proficiency with a shotgun

SAQA US ID	UNIT STANDARD TITLE		
123512	Demonstrate tactical proficiency with a shotgun		

SGB NAME		ORGANISING FIELD ID	PROVIDER NAME
SGB Security		8	

UNIT STANDARD TYPE		ORGANISING FIELD DESCRIPTION	SUBFIELD DESCRIPTION
Regular		Law, Military Science and Security	Safety in Society

ABET BAND	CREDITS	NQF LEVEL	UNIT STANDARD TYPE
Undefined	5	Level 4	Regular

SPECIFIC OUTCOME 1

Demonstrate pistol craft techniques.

SPECIFIC OUTCOME 2

Demonstrate shooting techniques in a business environment.

SPECIFIC OUTCOME 3

Operate a shotgun in a controlled, stress induced environment.

SPECIFIC OUTCOME 4

Function as a member of a tactical team.

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Demonstrate tactical proficiency with a handgun

SAQA US ID	UNIT STANDARD TITLE		
123513	Demonstrate tactical proficiency with a handgun		
SGB NAME		**ORGANISING FIELD ID**	**PROVIDER NAME**
SGB Security		8	
UNIT STANDARD TYPE		**ORGANISING FIELD DESCRIPTION**	**SUBFIELD DESCRIPTION**
Regular		Law, Military Science and Security	Safety in Society
ABET BAND	**CREDITS**	**NQF LEVEL**	**UNIT STANDARD TYPE**
Undefined	5	Level 4	Regular

SPECIFIC OUTCOME 1

Demonstrate pistol craft techniques.

SPECIFIC OUTCOME 2

Demonstrate shooting techniques in a business environment.

SPECIFIC OUTCOME 3

Operate a handgun in a controlled, stress induced environment.

SPECIFIC OUTCOME 4

Function as a member of a tactical team.

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Handle and use a shotgun for business purposes

SAQA US ID	UNIT STANDARD TITLE		
123514	Handle and use a shotgun for business purposes		

SGB NAME	ORGANISING FIELD ID	PROVIDER NAME
SGB Security	8	

UNIT STANDARD TYPE	ORGANISING FIELD DESCRIPTION	SUBFIELD DESCRIPTION
Regular	Law, Military Science and Security	Safety in Society

ABET BAND	CREDITS	NQF LEVEL	UNIT STANDARD TYPE
Undefined	3	Level 4	Regular

SPECIFIC OUTCOME 1

Demonstrate knowledge of safe handling principles in a business environment.

SPECIFIC OUTCOME 2

Demonstrate knowledge of the mechanical functioning of the shotgun.

SPECIFIC OUTCOME 3

Operate a shotgun in a business environment.

SPECIFIC OUTCOME 4

Demonstrate knowledge of shotgun use under adverse conditions.

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Handle and use a handgun for business purposes

SAQA US ID	UNIT STANDARD TITLE		
123515	Handle and use a handgun for business purposes		
SGB NAME	**ORGANISING FIELD ID**		**PROVIDER NAME**
SGB Security	8		
UNIT STANDARD TYPE	**ORGANISING FIELD DESCRIPTION**		**SUBFIELD DESCRIPTION**
Regular	Law, Military Science and Security		Safety in Society
ABET BAND	**CREDITS**	**NQF LEVEL**	**UNIT STANDARD TYPE**
Undefined	3	Level 4	Regular

SPECIFIC OUTCOME 1

Demonstrate knowledge of safe handling principles in a business environment.

SPECIFIC OUTCOME 2

Demonstrate knowledge of the mechanical functioning of the handgun.

SPECIFIC OUTCOME 3

Operate a handgun in a business environment.

SPECIFIC OUTCOME 4

Demonstrate knowledge of handgun use under adverse conditions.

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Supervise shooting exercises

SAQA US ID	UNIT STANDARD TITLE		
123516	Supervise shooting exercises		
SGB NAME	**ORGANISING FIELD ID**		**PROVIDER NAME**
SGB Security	8		
UNIT STANDARD TYPE	**ORGANISING FIELD DESCRIPTION**		**SUBFIELD DESCRIPTION**
Regular	Law, Military Science and Security		Safety in Society
ABET BAND	**CREDITS**	**NQF LEVEL**	**UNIT STANDARD TYPE**
Undefined	3	Level 4	Regular

SPECIFIC OUTCOME   1

Demonstrate knowledge of standards and legislation required for the safe operation of a shooting range.

SPECIFIC OUTCOME   2

Prepare participants and environment for a shooting activity.

SPECIFIC OUTCOME   3

Carry out activities applicable to the conclusion of a shooting event.

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Supervise the operation of a shooting range and tactical shooting exercises

SAQA US ID	UNIT STANDARD TITLE		
123517	Supervise the operation of a shooting range and tactical shooting exercises		

SGB NAME		ORGANISING FIELD ID	PROVIDER NAME
SGB Security		8	

UNIT STANDARD TYPE		ORGANISING FIELD DESCRIPTION	SUBFIELD DESCRIPTION
Regular		Law, Military Science and Security	Safety in Society

ABET BAND	CREDITS	NQF LEVEL	UNIT STANDARD TYPE
Undefined	5	Level 4	Regular

SPECIFIC OUTCOME 1

Demonstrate knowledge of the standards and legislation required for the setup and operation of a shooting range.

SPECIFIC OUTCOME 2

Carry out an inspection of a shooting range.

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Demonstrate tactical proficiency with a self-loading rifle or carbine

SAQA US ID	UNIT STANDARD TITLE		
123518	Demonstrate tactical proficiency with a self-loading rifle or carbine		

SGB NAME	ORGANISING FIELD ID	PROVIDER NAME
SGB Security	8	

UNIT STANDARD TYPE	ORGANISING FIELD DESCRIPTION	SUBFIELD DESCRIPTION
Regular	Law, Military Science and Security	Safety in Society

ABET BAND	CREDITS	NQF LEVEL	UNIT STANDARD TYPE
Undefined	5	Level 4	Regular

SPECIFIC OUTCOME   1

Demonstrate self-loading rifle or carbine techniques.

SPECIFIC OUTCOME   2

Demonstrate shooting techniques in a business environment.

SPECIFIC OUTCOME   3

Operate a self-loading rifle or carbine from sling and weak handed and or support handed in a controlled, stress-induced environment.

SPECIFIC OUTCOME   4

Function as a member of a tactical team.

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Handle and use a manually operated rifle or carbine for business purposes

SAQA US ID	UNIT STANDARD TITLE		
123519	Handle and use a manually operated rifle or carbine for business purposes		
SGB NAME	**ORGANISING FIELD ID**	**PROVIDER NAME**	
SGB Security	8		
UNIT STANDARD TYPE	**ORGANISING FIELD DESCRIPTION**	**SUBFIELD DESCRIPTION**	
Regular	Law, Military Science and Security	Safety in Society	
ABET BAND	**CREDITS**	**NQF LEVEL**	**UNIT STANDARD TYPE**
Undefined	3	Level 4	Regular

SPECIFIC OUTCOME   1

Demonstrate knowledge of safe handling principles in a business environment.

SPECIFIC OUTCOME   2

Demonstrate knowledge of the mechanical functioning of the manually operated rifle or carbine.

SPECIFIC OUTCOME   3

Operate a manually operated rifle or carbine in a business environment.

SPECIFIC OUTCOME   4

Demonstrate knowledge of manually operated rifle or carbine use under adverse conditions.

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Supervise firearm training

SAQA US ID	UNIT STANDARD TITLE		
123520	Supervise firearm training		

SGB NAME		ORGANISING FIELD ID	PROVIDER NAME
SGB Security		8	

UNIT STANDARD TYPE		ORGANISING FIELD DESCRIPTION	SUBFIELD DESCRIPTION
Regular		Law, Military Science and Security	Safety in Society

ABET BAND	CREDITS	NQF LEVEL	UNIT STANDARD TYPE
Undefined	10	Level 5	Regular

SPECIFIC OUTCOME   1

Organise and present a firearm training program applicable to both indoor and outdoor shooting ranges.

SPECIFIC OUTCOME   2

Apply evaluation techniques in respect of firearm related activities.

SPECIFIC OUTCOME   3

Ensure safe practice is being implemented during firearm training and assessment.

SPECIFIC OUTCOME   4

Demonstrate subject knowledge on commonly used firearms and ammunition in firearm training.

SPECIFIC OUTCOME   5

Explain corrective actions required in order to achieve set goals within a shooting environment.

SPECIFIC OUTCOME   6

Demonstrate practical shooting skills.