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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

Maritime 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 full Qualification and Unit Standards can be accessed via the SAQA web-site at www.saqa.org.za. Copies may also be obtained from the Directorate of Standards Setting and Development at the SAQA offices, SAQA House, 1067 Arcadia Street, Hatfield, Pretoria.

Comment on the Qualification and Unit Standards should reach SAQA at the address below and **no later 3 November 2008**. All correspondence should be marked **Standards Setting – SGB for Maritime Defence** and addressed to

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SOUTH AFRICAN QUALIFICATIONS AUTHORITY

QUALIFICATION:

Further Education Training Certificate: Harbour Watchkeeping

SAQA QUAL ID		QUALIFICATION TITLE	
64049		Further Education Training Certificate: Harbour Watchkeeping	
ORIGINATOR		PROVIDER	
SGB Maritime Defence			
QUALIFICATION TYPE	FIELD	SUBFIELD	
Further Ed and Training Cert	8 - Law, Military Science and Security	Sovereignty of the State	
ABET BAND	MINIMUM CREDITS	NQF LEVEL	QUAL CLASS
Undefined	135	Level 4	Regular-Unit Stds Based

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

PURPOSE AND RATIONALE OF THE QUALIFICATION

Purpose:

On a warship, as an Officer-of-the-Day, a naval officer will be responsible for the safety and security management of the warship while alongside. This Qualification will equip learners to fulfil this function by giving them a holistic introduction to a warship's procedural, structural and mechanical components and how these various components function together to optimise the performance of the ship and its crew.

The learner will use the knowledge and skills to contribute to the defence of South African territorial waters and/or area of responsibility against possible naval threats, thus providing a safer and secure country for social and economic growth.

Recipients of this qualification will be able to:

- > Demonstrate an understanding of warships and warship systems.
- > Manage the safety and security of a warship alongside.
- > Manage emergencies of a warship alongside.
- > Manage daily routines and special duties of a warship alongside.

Rationale:

This Qualification meets the needs of the Maritime Defence Sector by providing training standards against which junior naval officers can be trained. This Qualification meets the needs of society by providing competent naval officers who by managing the safety and security of a ship alongside, contribute to securing the national assets and thereby the sovereignty of the Republic of South Africa.

The majority of the learners for this qualification are likely to have entered service as candidate officers on officer training opportunities in the SA Navy or worked their way up through the ratings ranks of the SA Navy. This qualification is the first in the progressive development of officer skills for the SA Navy. This Qualification will allow learners access to the following learning pathway; the National Certificate: Bridge Watchkeeping, NQF Level 5, the National Certificate: Warship Operations, NQF Level 5, or the National Certificate: Submarine

Operations, NQF Level 5, the National Certificate: Warship Command and Control, NQF Level 6 and the National Diploma: Joint and Multi-National Operations, NQF Level 6.

This Qualification has been purpose-built for the Sovereignty of the State sub-field, the Maritime Defence Sector and naval officers in their capacity as an Officer-of-the-Day. Further this Qualification contributes to an integrated National Qualifications Framework; provides for access, mobility and progression within the South African National Defence Force career path; enhances the quality of training within the SA Navy; allows for the redress of the past and contributes to the development of the learner as an officer within the South African National Defence Force.

RECOGNIZE PREVIOUS LEARNING?

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LEARNING ASSUMED IN PLACE

It is assumed that the learner has the following knowledge and skills:

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

Recognition of Prior Learning:

This Qualification makes the Recognition of Prior Learning possible, if the learner is able to demonstrate competence in the knowledge, skills, values and attitudes implicit in this naval Qualification. Recognition of Prior Learning will be done by means of an Integrated Assessment as mentioned in the previous paragraph.

This Recognition of Prior Learning may allow:

- > For accelerated access to further learning.
- > Gaining of credits towards a unit standard.
- > For full or partial recognition of the Qualification.

All recognition of Prior Learning is subject to quality assurance by the relevant accredited Education, Training, Quality, and Assurance Body and is conducted by a registered workplace assessor. Because the standards are only core and fundamental, these standards may have been acquired in a range of economic sectors and these will be recognised as appropriate.

Access to the Qualification:

- > There is an open access to this qualification, keeping in mind the "Learning Assumed to be in Place".

QUALIFICATION RULES

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

To be awarded the Qualification learners are required to obtain a minimum of 135 credits as detailed below.

Fundamental Component:

The Fundamental Component consists of Unit Standards in:

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

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

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

All Unit Standards in the Fundamental Component are compulsory.

Core Component:

- > The Core Component consists of Unit Standards to the value of 75 credits all of which are compulsory.

Elective Component:

- > The Elective Component consists of individual unit standards from which the learner must choose unit standards totalling a minimum of 4 credits.

EXIT LEVEL OUTCOMES

1. Demonstrate an understanding of warships and warship systems.
2. Manage the safety and security of a warship alongside.
3. Manage emergencies of a warship alongside.
4. Manage daily routines and special duties of a warship alongside.

Critical Cross-Field Outcomes:

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

Identifying and solving problems in which responses display that responsible decisions using critical and creative thinking have been made when:

- > Managing the safety and security of a warship alongside.
- > Managing emergencies of a warship alongside.
- > Managing daily routines and special duties of a warship alongside.

Working effectively with others as a member of a team, group, organisation, and community during:

- > The management of safety and security of a warship alongside.
- > The management of emergencies of a warship alongside.
- > The management of daily routines and special duties of a warship alongside.

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

- > Managing the safety and security of a warship alongside.
- > Managing emergencies of a warship alongside.
- > Managing daily routines and special duties of a warship alongside.

Communicate effectively using visual, mathematical and/or language in the modes of oral and/or written persuasion when:

- > Managing the safety and security of a warship alongside.
- > Managing emergencies of a warship alongside.
- > Managing daily routines and special duties of a warship alongside.

Collecting, analysing, organising and critically evaluating information to better understand and explain:

- > Warships and warship's systems.

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

- > Demonstrating an understanding of warships and warship's systems.

Demonstrating an understanding of the world as a set of related systems by recognising that problem-solving contexts do not exist in isolation when:

- > Demonstrating an understanding of warships and warship's systems.
- > Managing the safety and security of a warship alongside.
- > Managing emergencies of a warship alongside.
- > Managing daily routines and special duties of a warship alongside.

ASSOCIATED ASSESSMENT CRITERIA

Associated Assessment Criteria for Exit Level Outcome 1:

- 1.1 An understanding is demonstrated of warship construction in order to promote effective and efficient response to shipboard emergencies and procedures.
- 1.2 An understanding is demonstrated of mechanical systems, key mechanical equipment and machinery in order to improve air movement and conditioning.
- 1.3 An understanding is demonstrated of the warships electrical system so as to ensure effective power generation, management and distribution.
- 1.4 An understanding is demonstrated of the capacity and limitations of the warship and warship systems in order to promote effective decision making and control of safety and damage limitation operations.

Associated Assessment Criteria for Exit Level Outcome 2:

- 2.1 Safety and security procedures are applied on the warship alongside with minimum delay in routine and emergency situations.
- 2.2 Alarm systems are applied on the warship alongside so as to ensure prompt and appropriate responses.
- 2.3 Security measures are maintained on a warship alongside so as to ensure the safety of personnel, equipment and the vessel.
- 2.4 Routine on the warship is maintained so as to ensure the seamanlike appearance and hygiene standards of the warship are maintained.

Associated Assessment Criteria for Exit Level Outcome 3:

- 3.1 Appropriate emergency responses are promptly initiated according to warship emergency plans and SA Navy regulations and procedures.
- 3.2 Fire, flood and other damage is effectively managed to protect ship and crew.
- 3.3 Training evolutions are practiced and reviewed to promote confident and correct responses to emergencies.

Associated Assessment Criteria for Exit Level Outcome 4:

4.1 Special duties are directed in accordance with SA Navy policies and procedures.

4.2 Warship routine is managed in accordance with SA Navy policies and procedures.

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 linked. 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 and specific naval and maritime sector 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, Essential Embedded Knowledge and Critical Cross-Field Outcomes are assessed. The assessment of the Critical Cross-Field Outcomes should be integrated with the assessment of Specific Outcomes and Essential Embedded Knowledge.

INTERNATIONAL COMPARABILITY

Best Practice:

The Seafarer's Training, Certification and Watchkeeping Code. All navies and maritime organisations comply with the Seafarer's Training, Certification and Watchkeeping Codes. This leads to a substantial degree of uniformity in a highly regulated environment and this qualification was developed bearing in mind the Code.

The Seafarer's Training, Certification and Watchkeeping Code:

Seafarer's Training, Certification and Watchkeeping Code as adopted by the 1995 Conference of the International Maritime Organization and recognises the specific roles and responsibilities of a watchkeeper. It lays down duties and responsibilities and provides standards and criteria for the learning and assessment of watchkeepers. Signatories to the Convention include 71 countries, amongst them leading seafaring nations such as; Argentina, Australia, Canada, China, Denmark, Finland, France, Germany, India, Japan, Netherlands, New Zealand, Norway, Portugal, Russian Federation, South Africa, Spain, Sweden, and the United Kingdom.

Areas of specified competence include:

> Plan and conduct a passage and determine position.

- > Maintain a safe navigational watch.
- > Use of radar and Automatic Radar Plotting Aids to maintain navigational safety.
- > Respond to emergencies.
- > Respond to a distress signal at sea.
- > Use the Standard Navigational Vocabulary as replaced by the IMO Standard Marine Communication Phrases, and use English in written and oral form.
- > Transmit and receive information by visual signaling.
- > Manoeuvre the ship.
- > Monitor the loading, stowage, securing, care during voyage and unloading of cargoes.
- > Inspect/report defects and damage to cargo spaces, hatch covers and ballast tanks.
- > Compliance with pollution-prevention requirements.
- > Maintenance of seaworthiness of the vessel.
- > Prevention, control and fighting of fires on board.
- > Operation of life-saving appliances.
- > First aid on board ship.
- > Compliance with legislative requirements.

Findings:

- > All of these areas are either addressed in the FETC: Harbour Watchkeeping or the National Certificate: Bridge Watchkeeping, NQF Level 5.

Conclusion:

The FETC: Harbour Watchkeeping deals with some of the requirements of the Seafarer's Training, Certification and Watchkeeping Code and therefore, due to its international acceptance, also compares favourably with a majority of foreign navies. Once the South African naval officer has completed the National Certificate: Bridge Watchkeeping, Level 5 would he/she have achieved all the competencies of the Seafarer's Training, Certification and Watchkeeping Code.

ARTICULATION OPTIONS

This Qualification lends itself to both vertical and horizontal articulation possibilities.

Horizontal articulation is possible with the following Qualifications:

- > ID 59889: Further Education Training Certificate: Military Operations, NQF Level 4.

Vertical articulation is possible with the following qualifications:

- > National Certificate: Bridge Watchkeeping, NQF Level 5.
- > National Certificate: Warship Operations, NQF Level 5.
- > ID 58840: National Certificate: Submarine Operations, NQF Level 5.
- > ID 57714: National Certificate: Marine Pilotage, NQF Level 5.

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, and Assurance (ETQA) Body.

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

> Assessment and moderation of assessment will be overseen by the relevant ETQA according to the ETQA's policies and guidelines for assessment and moderation; in terms of agreements

reached around assessment and moderation between ETQA's (including professional bodies); and in terms of the moderation guideline detailed immediately below.

> 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, 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.
- > A relevant Qualification at NQF Level 5 or higher.
- > To be registered as an assessor with the relevant ETQA.

NOTES

N/A

UNIT STANDARDS

	ID	UNIT STANDARD TITLE	LEVEL	CREDITS
Fundamental	119472	Accommodate audience and context needs in oral/signed communication	Level 3	5
Fundamental	119457	Interpret and use information from texts	Level 3	5
Fundamental	119467	Use language and communication in occupational learning programmes	Level 3	5
Fundamental	119465	Write/present/sign texts for a range of communicative contexts	Level 3	5
Fundamental	9015	Apply knowledge of statistics and probability to critically interrogate and effectively communicate findings on life related problems	Level 4	6
Fundamental	119462	Engage in sustained oral/signed communication and evaluate spoken/signed texts	Level 4	5
Fundamental	119469	Read/view, analyse and respond to a variety of texts	Level 4	5
Fundamental	9016	Represent analyse and calculate shape and motion in 2- and 3-dimensional space in different contexts	Level 4	4
Fundamental	119471	Use language and communication in occupational learning programmes	Level 4	5
Fundamental	7468	Use mathematics to investigate and monitor the financial aspects of personal, business, national and international issues	Level 4	6
Fundamental	119459	Write/present/sign for a wide range of contexts	Level 4	5
Core	259398	Apply and maintain security measures on a warship	Level 4	5
Core	259420	Conduct a fire-fighting exercise on board a ship	Level 4	4
Core	259422	Conduct naval ceremonial duties	Level 4	4
Core	259402	Control and extinguish fires on a ship	Level 4	6
Core	259399	Demonstrate an understanding of the mechanical systems on a ship	Level 4	8
Core	259405	Demonstrate knowledge of safety procedures associated with a ship	Level 4	5
Core	259403	Demonstrate understanding of ship construction	Level 4	8
Core	259417	Demonstrate understanding of the alarm systems on a ship	Level 4	4
Core	259421	Demonstrate understanding of the electrical power generation and distribution systems on a ship	Level 4	10
Core	259418	Describe administrative procedures on a ship	Level 4	4
Core	259419	Maintain a safe duty watch	Level 4	6
Core	259401	Manage and coordinate flood control activities	Level 4	6
Core	259400	Manage potential threats and/or emergency conditions onboard	Level 4	5

	ID	UNIT STANDARD TITLE	LEVEL	CREDITS
Elective	11473	Manage individual and team performance	Level 4	8
Elective	243951	Plan and conduct a meeting	Level 4	4
Elective	259404	Supervise the transfer of cargo and stores	Level 4	8
Elective	15234	Apply efficient time management to the work of a department/division/section	Level 5	4
Elective	252037	Build teams to achieve goals and objectives	Level 5	6

LEARNING PROGRAMMES RECORDED AGAINST THIS QUALIFICATION**None**



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:***Apply and maintain security measures on a warship***

SAQA US ID		UNIT STANDARD TITLE	
259398		Apply and maintain security measures on a warship	
ORIGINATOR		PROVIDER	
SGB Maritime Defence			
FIELD		SUBFIELD	
8 - Law, Military Science and Security		Sovereignty of the State	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 4	5

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

SPECIFIC OUTCOME 1

Carry out security rounds.

SPECIFIC OUTCOME 2

Explain readiness states associated with warships.

SPECIFIC OUTCOME 3

Demonstrate knowledge of security measures for alongside.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Core	64049	Further Education Training Certificate: Harbour Watchkeeping	Level 4



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:***Demonstrate an understanding of the mechanical systems on a ship***

SAQA US ID	UNIT STANDARD TITLE		
259399	Demonstrate an understanding of the mechanical systems on a ship		
ORIGINATOR	PROVIDER		
SGB Maritime Defence			
FIELD	SUBFIELD		
8 - Law, Military Science and Security	Sovereignty of the State		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 4	8

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

SPECIFIC OUTCOME 1

Demonstrate an understanding of the ventilation system.

SPECIFIC OUTCOME 2

Demonstrate an understanding of the air conditioning system.

SPECIFIC OUTCOME 3

Demonstrate an understanding of the compressed air system.

SPECIFIC OUTCOME 4

Demonstrate knowledge of the machinery components.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Core	64049	Further Education Training Certificate: Harbour Watchkeeping	Level 4



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:***Manage potential threats and/or emergency conditions onboard***

SAQA US ID	UNIT STANDARD TITLE		
259400	Manage potential threats and/or emergency conditions onboard		
ORIGINATOR		PROVIDER	
SGB Maritime Defence			
FIELD		SUBFIELD	
8 - Law, Military Science and Security		Sovereignty of the State	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 4	5

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

SPECIFIC OUTCOME 1

Manage potential threats and emergencies associated with ship personnel.

SPECIFIC OUTCOME 2

Manage bomb threats.

SPECIFIC OUTCOME 3

Control access to the ship when alongside.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Core	64049	Further Education Training Certificate: Harbour Watchkeeping	Level 4



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:***Manage and coordinate flood control activities***

SAQA US ID		UNIT STANDARD TITLE	
259401		Manage and coordinate flood control activities	
ORIGINATOR		PROVIDER	
SGB Maritime Defence			
FIELD		SUBFIELD	
8 - Law, Military Science and Security		Sovereignty of the State	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 4	6

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

SPECIFIC OUTCOME 1

Describe flood and related damage control equipment.

SPECIFIC OUTCOME 2

Fight shipboard flooding.

SPECIFIC OUTCOME 3

Assess and report on damage.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Core	64049	Further Education Training Certificate: Harbour Watchkeeping	Level 4



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:***Control and extinguish fires on a ship***

SAQA US ID	UNIT STANDARD TITLE		
259402	Control and extinguish fires on a ship		
ORIGINATOR		PROVIDER	
SGB Maritime Defence			
FIELD		SUBFIELD	
8 - Law, Military Science and Security		Sovereignty of the State	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 4	6

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

SPECIFIC OUTCOME 1

Operate fire fighting and related damage control equipment.

SPECIFIC OUTCOME 2

Extinguish and control fires.

SPECIFIC OUTCOME 3

Assess and report damage.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Core	64049	Further Education Training Certificate: Harbour Watchkeeping	Level 4



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:***Demonstrate understanding of ship construction***

SAQA US ID	UNIT STANDARD TITLE		
259403	Demonstrate understanding of ship construction		
ORIGINATOR		PROVIDER	
SGB Maritime Defence			
FIELD		SUBFIELD	
8 - Law, Military Science and Security		Sovereignty of the State	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 4	8

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

SPECIFIC OUTCOME 1

Demonstrate knowledge of different ship compartments.

SPECIFIC OUTCOME 2

Demonstrate an understanding of damage control zones.

SPECIFIC OUTCOME 3

Explain onboard systems for fighting fire and floods.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Core	64049	Further Education Training Certificate: Harbour Watchkeeping	Level 4



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:***Supervise the transfer of cargo and stores***

SAQA US ID		UNIT STANDARD TITLE	
259404		Supervise the transfer of cargo and stores	
ORIGINATOR		PROVIDER	
SGB Maritime Defence			
FIELD		SUBFIELD	
8 - Law, Military Science and Security		Sovereignty of the State	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 4	8

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

SPECIFIC OUTCOME 1

Prepare for the loading and discharge of ordnance, cargo and stores.

SPECIFIC OUTCOME 2

Load, discharge, stow and secure ordnance, cargo and stores.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Elective	64049	Further Education Training Certificate: Harbour Watchkeeping	Level 4



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:***Demonstrate knowledge of safety procedures associated with a ship***

SAQA US ID	UNIT STANDARD TITLE		
259405	Demonstrate knowledge of safety procedures associated with a ship		
ORIGINATOR	PROVIDER		
SGB Maritime Defence			
FIELD	SUBFIELD		
8 - Law, Military Science and Security	Sovereignty of the State		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 4	5

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

SPECIFIC OUTCOME 1

Demonstrate knowledge of safety procedures on a ship.

SPECIFIC OUTCOME 2

Monitor and maintain safety of the work environment.

SPECIFIC OUTCOME 3

Demonstrate knowledge of safety procedures associated with radiation hazard.

SPECIFIC OUTCOME 4

Describe and apply safety procedures associated weapons and ammunition onboard a ship.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

ID	QUALIFICATION TITLE	LEVEL
Core 64049	Further Education Training Certificate: Harbour Watchkeeping	Level 4



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:***Demonstrate understanding of the alarm systems on a ship***

SAQA US ID	UNIT STANDARD TITLE		
259417	Demonstrate understanding of the alarm systems on a ship		
ORIGINATOR		PROVIDER	
SGB Maritime Defence			
FIELD		SUBFIELD	
8 - Law, Military Science and Security		Sovereignty of the State	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 4	4

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

SPECIFIC OUTCOME 1

Explain alarm systems.

SPECIFIC OUTCOME 2

Respond to different types of alarms.

SPECIFIC OUTCOME 3

Complete alarm administration and documentation.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Core	64049	Further Education Training Certificate: Harbour Watchkeeping	Level 4



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:*Describe administrative procedures on a ship*

SAQA US ID		UNIT STANDARD TITLE	
259418		Describe administrative procedures on a ship	
ORIGINATOR		PROVIDER	
SGB Maritime Defence			
FIELD		SUBFIELD	
8 - Law, Military Science and Security		Sovereignty of the State	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 4	4

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

SPECIFIC OUTCOME 1

Describe different administrative procedures.

SPECIFIC OUTCOME 2

Describe standing orders.

SPECIFIC OUTCOME 3

Complete records and documentation.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Core	64049	Further Education Training Certificate: Harbour Watchkeeping	Level 4



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:***Maintain a safe duty watch***

SAQA US ID	UNIT STANDARD TITLE		
259419	Maintain a safe duty watch		
ORIGINATOR		PROVIDER	
SGB Maritime Defence			
FIELD	SUBFIELD		
8 - Law, Military Science and Security	Sovereignty of the State		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 4	6

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

SPECIFIC OUTCOME 1

Conduct routine duties associated with duty watch.

SPECIFIC OUTCOME 2

Demonstrate an understanding of requirements for a smart and seamanlike appearance of a ship.

SPECIFIC OUTCOME 3

Prepare for and carry out night rounds.

SPECIFIC OUTCOME 4

Monitor and maintain a ship's hygiene.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Core	64049	Further Education Training Certificate: Harbour Watchkeeping	Level 4



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:***Conduct a fire-fighting exercise on board a ship***

SAQA US ID		UNIT STANDARD TITLE	
259420		Conduct a fire-fighting exercise on board a ship	
ORIGINATOR		PROVIDER	
SGB Maritime Defence			
FIELD		SUBFIELD	
8 - Law, Military Science and Security		Sovereignty of the State	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 4	4

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

SPECIFIC OUTCOME 1

Prepare for fire fighting exercises.

SPECIFIC OUTCOME 2

Verify the preparedness of crew and fire fighting equipment.

SPECIFIC OUTCOME 3

Execute the fire-fighting exercise.

SPECIFIC OUTCOME 4

Evaluate the fire-fighting exercise.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Core	64049	Further Education Training Certificate: Harbour Watchkeeping	Level 4



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

Demonstrate understanding of the electrical power generation and distribution systems on a ship

SAQA US ID	UNIT STANDARD TITLE		
259421	Demonstrate understanding of the electrical power generation and distribution systems on a ship		
ORIGINATOR		PROVIDER	
SGB Maritime Defence			
FIELD		SUBFIELD	
8 - Law, Military Science and Security		Sovereignty of the State	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 4	10

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

SPECIFIC OUTCOME 1

Demonstrate an understanding of power generation on a ship.

SPECIFIC OUTCOME 2

Demonstrate an understanding of safety procedures related to power generation and distribution.

SPECIFIC OUTCOME 3

Demonstrate knowledge of the automatic power management system on a ship.

SPECIFIC OUTCOME 4

Demonstrate knowledge of the power distribution system on a ship.

SPECIFIC OUTCOME 5

Explain ship lighting system components.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Core	64049	Further Education Training Certificate: Harbour Watchkeeping	Level 4



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:***Conduct naval ceremonial duties***

SAQA US ID	UNIT STANDARD TITLE		
259422	Conduct naval ceremonial duties		
ORIGINATOR	PROVIDER		
SGB Maritime Defence			
FIELD	SUBFIELD		
8 - Law, Military Science and Security	Sovereignty of the State		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 4	4

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

SPECIFIC OUTCOME 1

Demonstrate knowledge of special ceremonial duties.

SPECIFIC OUTCOME 2

Plan and execute daily ceremonial duties.

SPECIFIC OUTCOME 3

Explain the procedures for dressing the ship.

QUALIFICATIONS UTILISING THIS UNIT STANDARD

	ID	QUALIFICATION TITLE	LEVEL
Core	64049	Further Education Training Certificate: Harbour Watchkeeping	Level 4