

No. 1285

5 December 2008

**SOUTH AFRICAN QUALIFICATIONS AUTHORITY (SAQA)**

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

**Water Sector**

registered by Organising Field 12 – Physical Planning and Construction, publishes the following Qualification and Unit Standards for public comment.

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

Comment on the Qualification and Unit Standards should reach SAQA at the address below and **no later than 5 January 2009**. All correspondence should be marked **Standards Setting – SGB for Water Sector** and addressed to

The Director: Standards Setting and Development

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ACTING DIRECTOR: STANDARDS SETTING AND DEVELOPMENT



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

**QUALIFICATION:****National Certificate: Community Water, Health and Sanitation Monitoring**

SAQA QUAL ID		QUALIFICATION TITLE	
64589		National Certificate: Community Water, Health and Sanitation Monitoring	
ORIGINATOR		PROVIDER	
SGB Water Sector			
QUALIFICATION TYPE	FIELD	SUBFIELD	
National Certificate	12 - Physical Planning and Construction	Civil Engineering Construction	
ABET BAND	MINIMUM CREDITS	NQF LEVEL	QUAL CLASS
Undefined	130	Level 3	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:**

This qualification has been developed to provide the necessary competencies in the field of community and environmental health and sanitation which will contribute towards improved practices within communities and their environment as well eradicating the backlogs and future needs in the sector.

Qualifying learners will be able to:

- > Conduct quality control in accordance with all aspects of applicable procedures and regulations.
- > Identify and make recommendations for appropriate interventions.
- > Communicate effectively.
- > Ensure policy compliance with regard to principles of Water, Health and Hygiene.
- > Monitor the Operation and Maintenance activities of sanitation services.
- > Supervise teams in the workplace.

Learners who have achieved this qualification will be able to access further learning opportunities and enhance their prospects for sustainable employment within the water and sanitation sector.

For new entrants, this qualification describes the learning outcomes required to participate effectively in a structured work environment within the water and sanitation sector. Employers will be able to use this qualification as the source for addressing skills needs and appropriate training interventions. Providers of education and training will be able to use this qualification for the design and development of appropriate outcomes based learning materials, assessment guides and related assessment tools.

**Rationale:**

This qualification reflects the workplace-based need for monitors to oversee the implementation of community water, health and sanitation projects to address massive backlogs, especially in the rural and remote communities.

This qualification represents a planned combination of learning outcomes with a defined purpose in that it consists of the essential embedded knowledge and applied competence required from those learners who seek to engage in a career within the water and sanitation sector.

This qualification forms the foundation for advancement to the Further Education and Training Certificate: Community, Water, Health and Sanitation Facilitation NQF Level 4 and will also lay the foundation for future career advancement to other related qualifications within the sector.

Learners will have the capacity to advance, gain skills and build self-esteem as the qualified learners will be able to competently monitor community water, health and sanitation programmes in a professional manner, ensuring that community needs are met and the environment is sustained.

### **RECOGNIZE PREVIOUS LEARNING?**

Y

### **LEARNING ASSUMED IN PLACE**

It is assumed that the learner is already competent in the following:

- > Communication at NQF Level 2 or equivalent.
- > Mathematical Literacy at NQF Level 2 or equivalent.
- > National Certificate: Community Water, Sanitation and Health Promotion at NQF Level 2 or equivalent.

### **Recognition of Prior Learning:**

This qualification may be achieved in part or completely through the recognition of prior learning, which includes informal, formal and non-formal learning and work experience. Any learner wishing to be directly assessed may arrange to do so, without attending further training or education. The assessor and learner will decide together on the most appropriate assessment route to be taken.

Evidence can be presented in a variety of forms, including international or previous local qualifications, reports, testimonials mentioning functions performed, work records, portfolios, videos of practice and performance records.

All such evidence should be judged according to the general principles of assessment described in the note to assessors below.

### **Access to the Qualification:**

Access to this qualification is open to all bearing in mind "Learning assumed to be in place".

### **QUALIFICATION RULES**

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

To be awarded the qualification, a learner is required to obtain a minimum of 130 credits as detailed below.

### **Fundamental:**

All Fundamental unit standards are compulsory (36 Credits):

- > Communication: 20 credits.

> Mathematical Literacy: 16 credits.

Core:

All Core unit standards are compulsory (56 Credits).

Electives:

> The Elective Component consists of two areas of specialisation (Clusters), each with its own set of unit standards.

> Learners should select unit standards to a minimum value of 38 credits from one of the following clusters:

General Cluster:

- > ID 12344: Demonstrate knowledge of gender and equity in sustainability of water and sanitation related projects, Level 4, 4 credits.
- > ID 242860: Apply the Batho Pele principles to own work role and context, Level 3, 4 credits.
- > ID 242890: Display an understanding of core municipal processes and Ward Committee participation in these processes, Level 3, 10 credits.
- > ID 9530: Manage work time effectively, Level 3, 3 credits.
- > ID 14050: Care for customers in a community environment, Level 3, 5 credits.
- > ID 11982: Collect data for environmental management purposes, Level 3, 8 credits.
- > ID 119829: Use appropriate environmental management tools and protocols to detect and respond to specific impacts, Level 3, 10 credits.
- > ID 9532: Demonstrate basic knowledge of computers, Level 3, 6 credits.
- > ID 114977: Use a spreadsheet package to produce and manage business documents, Level 3, 3 credits.
- > ID 114978: Use a word processing package to produce business documents, Level 3, 3 credits.

Subtotal: 56 credits.

Community Sanitation Building:

- > ID 11782: Perform basic building works, Level 3, 8 credits.
- > ID 14888: Construct on-site sanitation facilities, Level 2, 2 credits.
- > ID 15159: Use labour intensive construction methods to construct and maintain water and sanitation services, Level 4, 8 credits.
- > ID 14580: Read and interpret construction drawings and specifications, Level 3, 10 credits.
- > ID 119526: Implement safety procedures for open hole or deep excavations: Level 3, 4 credits.
- > ID 11781: Plan and prepare to perform plumbing works, Level 3, 8 credits.
- > ID 11780: Understand and apply basic plumbing principles, Level 3, 8 credits.
- > ID 14425: Perform site administration functions, Level 4, 10 credits.

Subtotal: 58 credits.

#### **EXIT LEVEL OUTCOMES**

On achieving this qualification the qualifying learner will be able to:

1. Demonstrate an understanding of applicable legislation and how it relates to the health and sanitation plan with specific reference to monitoring and supervisory functions.
2. Implement, monitor and maintain sanitation systems.

3. Supervise and monitor the implementation of the community sanitation, health and hygiene plan.

4. Demonstrate communication, negotiation and supervisory skills.

5. Demonstrate an understanding of the entrepreneurial environment.

Critical Cross Field Outcomes (CCFO's):

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:
  - > Implementing community health and sanitation plans.
  - > Identifying and selecting different sanitation technological options in addressing community needs.
  - > Identifying deviations and implementing corrective actions in monitoring water and sanitation projects.
- > Working effectively with others as either a leader or member of a team, group, organisation or community during the implementation and monitoring of water and sanitation projects within communities.
- > Organising and managing oneself and one's activities responsibly and effectively when implementing and supervising health and sanitation plans within communities.
- > Collecting, analysing, organising and critically evaluating information in order to ensure a clear understanding of community water, health and sanitation needs and priorities by:
  - > Implementing and monitoring health and sanitation projects.
  - > Initiating corrective actions should there be deviations from standard requirements.
- > Communicating effectively using visual, mathematical and/or language in the modes of oral and/or written persuasion when:
  - > Reporting to communities, stakeholders and the employer about implementation and progress on water, health and sanitation projects.
  - > Issuing instructions and receiving feedback from team members.
- > Using science and technology effectively and critically, showing responsibility to the environment and health of others when selecting, applying and monitoring different sanitation technological options for community water, health and sanitation interventions.
- > Demonstrating an understanding of the world as a set of interrelated systems by recognising that health, sanitation and environmental problem-solving contexts do not exist in isolation and that human behavior will impact on the functioning thereof when implementing health and sanitation plans.

#### **ASSOCIATED ASSESSMENT CRITERIA**

Assessment Criteria for Exit Level Outcome 1:

- > Relevant legislation is identified, and interpreted according to local community and environmental needs related to the implementation and monitoring of a health and sanitation plan.
- > The application of workplace and environmental safety procedures in community, water, health and sanitation is supervised according to relevant legislation.

Range Statement: Relevant legislation includes:

- > National Sanitation Policy - October 1996.