


External Integrated Summative Assessment Specifications

Curriculum Code	Qualification Title			NQF Level
862927-000-00-00	National Occupational Certificate: Borehole Pump Operator			4
Name		Email	Phone	Logo
Assessment Quality Partner	EWSETA	leshas@ewseta.org.za	(011) 274-4700	

DQP Representative

Date

AQP Representative

Date

Table of Contents

1	ASSESSMENT STRATEGY	3
1.1	ASSESSMENT MODEL	3
1.2	QUALIFICATION OCCUPATIONAL PURPOSE	3
2.	Occupational Tasks	Error! Bookmark not defined.
1.3	ASSESSMENT STANDARDS	Error! Bookmark not defined.
1.3.1	ASSESSMENT STANDARDS FOR THE QUALIFICATION.....	Error! Bookmark not defined.
1.3.3	ASSESSMENT STANDARDS FOR PART QUALIFICATIONS	5
2	ASSIGNMENTS TO BE EVALUATED EXTERNALLY	5
3	CRITICAL ASPECTS OF THE INTERNAL ASSESSMENTS TO BE ASSESSED EXTERNALLY	5
4	CRITERIA FOR THE REGISTRATION OF ASSESSORS	5
5	FOUNDATIONAL LEARNING.....	5
6.1	QUALIFICATION.....	6
6.2	PHASE 1	6
6.3	PART QUALIFICATION(S).....	Error! Bookmark not defined.

1 ASSESSMENT STRATEGY

1.1 ASSESSMENT MODEL

An external integrated summative assessment, conducted through the relevant QCTO Assessment Quality partner is required for the issuing of this qualification. The external integrated summative assessment will focus on the exit level outcomes and associated assessment criteria.

The assessment will be conducted through written assessment and the evaluation of practical tasks at decentralised approved assessment sites and evaluated by assessor(s) registered with the AQP within a period of 2 days.

1.2 QUALIFICATION OCCUPATIONAL PURPOSE

The purpose of this qualification is to prepare a learner to operate as a Borehole Pump Operator.

A Borehole Pump Operator prepares, operates, inspects, measures, samples, tests, installs, adjusts, monitors, records and maintains a borehole pump to transfer groundwater to treatment plant or reservoir to residential, commercial, and industrial establishments for safe drinking and other uses in accordance with safe working instructions, principles and best practice.

2. Occupational Tasks

- Operate and maintain groundwater abstraction system/borehole pump
- Monitor and evaluate groundwater abstraction system performance and its related equipment
- Perform fault-finding and troubleshooting
- Build and maintain relationships with stakeholders

EXIT LEVEL OUTCOMES AND ASSOCIATED ASSESSMENT CRITERIA

Exit Level Outcome 1

Monitor, evaluate and operate groundwater abstraction system for optimal performance

Associated Assessment Criteria

- Activity-based risk assessment is conducted and potential risks on groundwater abstraction site are identified and mitigated in line with standard operating procedures
- Groundwater abstraction system is operated, maintained, monitored and evaluated to ensure optimal operational performance
- Groundwater abstraction system is checked using correct instruments and equipment, and measures in response to system malfunctioning, over-abstraction and pollution are implemented to ensure effective functioning according to system operation manual and organisational standard operating procedures

Exit Level Outcome 2

Perform basic maintenance and troubleshooting on groundwater abstraction system

Associated Assessment Criteria

- Groundwater abstraction system components are correctly identified in terms of their features and functions
- Different types of maintenance to be carried out on groundwater abstraction system are identified and explained in terms of their applicability
- Potential faults that may occur on groundwater abstraction system are correctly identified, and correct troubleshooting techniques are applied to rectify system breakdown
- Groundwater system infrastructure is monitored and evaluated using system indicators to ensure proper functioning and optimal performance

Exit Level Outcome 3

Analyse and apply stakeholder engagement techniques to build trust and maintain relationships

Associated Assessment Criteria

- Type of information and reasons to inform stakeholders on groundwater abstraction system performance are identified and explained with examples
- Information provided during stakeholder engagement event is relevant and risk communication principles are applied when sharing groundwater abstraction system-related matters to promote trust and positive relationships between the stakeholders and the organisation
- Common concerns/problem relating to groundwater abstraction affecting the communities are analysed, identified and reported to the relevant person to determine the required action

1.3.2 ASSESSMENT STANDARDS FOR PHASES

- None

1.3.3 ASSESSMENT STANDARDS FOR PART QUALIFICATIONS

- None

2. ASSIGNMENTS TO BE EVALUATED EXTERNALLY

- None

3 CRITICAL ASPECTS OF THE INTERNAL ASSESSMENTS TO BE ASSESSED EXTERNALLY

- None

4 CRITERIA FOR THE REGISTRATION OF ASSESSORS

- Qualification: Water or Engineering related qualification at NQF Level 6
- Subject matter expertise: Hydrogeological, or engineering or water care or chemistry expertise
- Years of Practice: Minimum 5 years' work experience in groundwater supply
- Assessment Experience: Certificate of Competence in assessments or minimum 3 years' proven experience in conducting assessments
- Membership of a Professional Body: None
- Legal Requirements: None

7 FOUNDATIONAL LEARNING

- None

6 ELIGIBILITY REQUIREMENTS FOR THE EXTERNAL ASSESSMENT

In order to qualify for the external summative assessment learners must have a statement of results for all the required modules of the knowledge and practical skills curriculum components relating to the qualification as well as a completed statement of work experience (logbook) completed and signed or results of RPL assessments against the qualification including exemptions to the modules, where applicable.

6.1 QUALIFICATION

- Statement of Work experience

6.2 PHASE 1

- No Phase Tests applicable