



All qualifications and part qualifications registered on the National Qualifications Framework are public property. Thus the only payment that can be made for them is for service and reproduction. It is illegal to sell this material for profit. If the material is reproduced or quoted, the South African Qualifications Authority (SAQA) should be acknowledged as the source.

**SOUTH AFRICAN QUALIFICATIONS AUTHORITY
REGISTERED UNIT STANDARD:**

Operate studio equipment for broadcast

SAQA US ID	UNIT STANDARD TITLE			
117563	Operate studio equipment for broadcast			
ORIGINATOR				
SGB Audio-visual Media Production				
PRIMARY OR DELEGATED QUALITY ASSURANCE FUNCTIONARY				
-				
FIELD			SUBFIELD	
Field 04 - Communication Studies and Language			Communication Studies	
ABET BAND	UNIT STANDARD TYPE	PRE-2009 NQF LEVEL	NQF LEVEL	CREDITS
Undefined	Regular	Level 5	Level TBA: Pre-2009 was L5	15
REGISTRATION STATUS		REGISTRATION START DATE	REGISTRATION END DATE	SAQA DECISION NUMBER
Reregistered		2018-07-01	2023-06-30	SAQA 06120/18
LAST DATE FOR ENROLMENT		LAST DATE FOR ACHIEVEMENT		
2024-06-30		2027-06-30		

In all of the tables in this document, both the pre-2009 NQF Level and the NQF Level is shown. In the text (purpose statements, qualification rules, etc), any references to NQF Levels are to the pre-2009 levels unless specifically stated otherwise.

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

PURPOSE OF THE UNIT STANDARD

The purpose of the learning is to ensure that qualified learners are able to competently operate studio-broadcasting equipment. Most learners entering into the field of broadcasting can consider equipment used within a broadcasting setting non-routine. This Unit Standard aims to familiarise learners with the selection, evaluation and general use of such equipment.

- The standard will aid industry in selecting competencies relevant to their requirements. Credited learners are able to increase their earning capacity, thereby contributing towards the upliftment of their communities.
- Credited learners are capable of:
 - Monitoring equipment functionality
 - Selecting broadcast equipment settings
 - Evaluating output quality
 - Directing inputs and outputs

LEARNING ASSUMED TO BE IN PLACE AND RECOGNITION OF PRIOR LEARNING

The credits and level assigned to this unit standard is based on the assumption that learners have already attained the following competencies:

- Language and communication: NQF 4.

UNIT STANDARD RANGE

Equipment includes: desk, inputs, and outputs monitoring equipment.

Sources include: recording, play-out equipment

The range of this Unit Standard is further reflected in the Specific Outcomes and Assessment Criteria of the Unit Standard

Specific Outcomes and Assessment Criteria:

SPECIFIC OUTCOME 1

Monitor equipment functionality.

ASSESSMENT CRITERIA

ASSESSMENT CRITERION 1

Equipment is assessed for integrity and safety, appropriately

ASSESSMENT CRITERION 2

Equipment in need of attention is reported according to specified procedures

ASSESSMENT CRITERION 3

Overall functioning of equipment is monitored over time, to assess the expected functioning of the equipment

ASSESSMENT CRITERION 4

Proactive measures are taken to ensure optimal functioning of equipment, so as to not interrupt transmissions

SPECIFIC OUTCOME 2

Select broadcast equipment settings.

ASSESSMENT CRITERIA

ASSESSMENT CRITERION 1

Equipment settings are tested to assess level of function

ASSESSMENT CRITERION 2

Equipment is set in accordance with specific broadcast purpose

ASSESSMENT CRITERION 3

Settings are adjusted as required

ASSESSMENT CRITERION 4

Notes are documented regarding the selection of settings for efficient future use

SPECIFIC OUTCOME 3

Evaluate output quality.

ASSESSMENT CRITERIA

ASSESSMENT CRITERION 1

Criteria for the evaluation of quality output are accurately set

ASSESSMENT CRITERION 2

Quality of output is accurately assessed

ASSESSMENT CRITERION 3

Output quality disturbances are addressed in an appropriate manner

ASSESSMENT CRITERION 4

Output quality is documented for efficient future use

SPECIFIC OUTCOME 4

Direct inputs and outputs.

ASSESSMENT CRITERIA

ASSESSMENT CRITERION 1

Directing of inputs and outputs meet specified requirements

ASSESSMENT CRITERION 2

Quality of input and output meets identified criteria

ASSESSMENT CRITERION 3

Communication with all relevant persons regarding input and output meets specified requirements

UNIT STANDARD ACCREDITATION AND MODERATION OPTIONS

- Assessment of learner achievements takes place at providers accredited by a relevant ETQA (RSA, 1998b) for the provision of programs that result in the outcomes specified for this unit standard.
- Anyone assessing a learner against this unit standard must be registered as an assessor with a relevant ETQA.
- Any institution offering learning that will enable achievement of this unit standard must be accredited as a provider with a relevant ETQA.
- The relevant ETQA according to the moderation guidelines and the agreed ETQA procedures will oversee moderation of assessment and is responsible for moderation of learner achievements of learners who meet the requirements of this unit standard.

UNIT STANDARD ESSENTIAL EMBEDDED KNOWLEDGE

Credited learners understand and can explain:

- Specified procedures relevant to production and broadcasting (includes editing and directing)
- Script interpretation
- Time management for broadcasting
- Idea generation techniques
- Broadcasting equipment
- Sound quality
- Industry characteristics, trends and developments

UNIT STANDARD DEVELOPMENTAL OUTCOME

N/A

UNIT STANDARD LINKAGES

N/A

Critical Cross-field Outcomes (CCFO):**UNIT STANDARD CCFO IDENTIFYING**

Identify and solve problems where responses to problems show that such critical and creative thinking has been used to make responsible decisions when monitoring equipment functionality.

UNIT STANDARD CCFO ORGANISING

Organise and manage oneself and one's activities responsibly and effectively when selecting broadcast equipment settings.

UNIT STANDARD CCFO COLLECTING

Collect, analyse, organise and critically evaluate information when evaluating output quality

UNIT STANDARD CCFO SCIENCE

Use science and technology effectively and critically, showing responsibility towards the environment and health of others when directing inputs and outputs.

UNIT STANDARD CCFO DEMONSTRATING

Demonstrate an understanding of the world as a set of related systems by recognising that problem-solving contexts do not exist in isolation when proactive measures are taken to ensure optimal functioning of equipment, so as to not interrupt transmissions.

UNIT STANDARD ASSESSOR CRITERIA

Assessors should keep the following principles in mind when designing and conducting assessments against this unit

standard:

- Focus the assessment activities on gathering evidence in terms of the main outcome expressed in the title to ensure assessment is integrated rather than fragmented. Remember we want to declare the person competent in terms of the title. Where assessment at title level is unmanageable, then focus assessment around each specific outcome, or groups of specific outcomes.
- Make sure evidence is gathered across the entire range, wherever it applies. Assessment activities should be as close to the real performance as possible, and where simulations or role-plays are used, there should be supporting evidence to show the learner is able to perform in the real situation.
- Do not focus the assessment activities on each assessment criterion. Rather make sure the assessment activities focus on outcomes and are sufficient to enable evidence to be gathered around all the assessment criteria.
- The assessment criteria provide the specifications against which assessment judgements should be made. In most cases, knowledge can be inferred from the quality of the performances, but in other cases, knowledge and understanding will have to be tested through questioning techniques. Where this is required, there will be assessment criteria to specify the standard required.
- The task of the assessor is to gather sufficient evidence, of the prescribed type and quality, as specified in this unit standard, that the learner can achieve the outcomes again and again and again. This means assessors will have to judge how many repeat performances are required before they believe the performance is reproducible.
- All assessments should be conducted in line with the following well documented principles of assessment: appropriateness, fairness, manageability, integration into work or learning, validity, direct, authentic, sufficient, systematic, open and consistent

REREGISTRATION HISTORY

As per the SAQA Board decision/s at that time, this unit standard was Reregistered in 2012; 2015.

UNIT STANDARD NOTES

N/A

QUALIFICATIONS UTILISING THIS UNIT STANDARD:

	ID	QUALIFICATION TITLE	PRE-2009 NQF LEVEL	NQF LEVEL	STATUS	END DATE	PRIMARY OR DELEGATED QA FUNCTIONARY
Core	49125	National Certificate: Radio Production	Level 5	Level TBA: Pre-2009 was L5	Passed the End Date - Status was "Registered"	2007-12-02	Was MICTS until Last Date for Achievement
Core	62069	National Certificate: Radio Production	Level 5	Level TBA: Pre-2009 was L5	Reregistered	2023-06-30	MICTS

PROVIDERS CURRENTLY ACCREDITED TO OFFER THIS UNIT STANDARD:

This information shows the current accreditations (i.e. those not past their accreditation end dates), and is the most complete record available to SAQA as of today. Some Primary or Delegated Quality Assurance Functionaries have a lag in their recording systems for provider accreditation, in turn leading to a lag in notifying SAQA of all the providers that they have accredited to offer qualifications and unit standards, as well as any extensions to accreditation end dates. The relevant Primary or Delegated Quality Assurance Functionary should be notified if a record appears to be missing from here.

1. Davest Trading 36 Pty Ltd
2. NEMISA
3. South African Film Institute

All qualifications and part qualifications registered on the National Qualifications Framework are public property. Thus the only payment that can be made for them is for service and reproduction. It is illegal to sell this material for profit. If the material is reproduced or quoted, the South African Qualifications Authority (SAQA) should be acknowledged as the source.