**National Certificate: Music Industry: Sound Technology**

**Qualification Details:**

**Qualification Name**

48671: Further Education and Training Certificate: Sound Technology  
NQF Level 5  
Total Credits to be obtained after achievement: 139

**Purpose of the Qualification**

The area of employment for sound engineers/ technologists are mostly in the area of: Recording; Mixing, Live sound, Theatre, Mastering, Television, Broadcast, Film, Video, Multimedia, Monitor Engineers; Designers, Advisors, Commercial Producers, music producers who do not have any recognised qualification/s or have received their training abroad. The purpose of this qualification is to provide learners with the competencies required to manage functions within a sound technology workplace.

An analysis of the role of sound engineers revealed that the following knowledge, skills and personal characteristics required:   
Advanced knowledge of:

 Audio Fundamentals

 Self-management

 Basic music understanding

 Basic electronics

 Soldering techniques

 Microphone types and techniques]

 Equipment specifications

**Target Audience**

Learners wanting to specialize in Mixing, Live sound, Theatre, Mastering, Television, Broadcast, Film, Video, Multimedia, Monitor Engineers.

**Qualification Objectives**

* Use information technology in the workplace to enhance overall efficiency and effectiveness   
  Work with others for productions   
  Engineer sound for productions   
  Set up, test and maintain sound equipment   
  Plan sound productions to ensure optimal use of resources  
  Perform DJ activities to an audience   
  Establish and run a small business optimally   
  Special effects technical duties for a production   
  Manage a studio for routine operations

**Entry/Admission Requirements**

 Communication at NQF Level 3.

 Mathematical Literacy at NQF Level 3.

 Mathematical Literacy at NQF Level 4

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| **UNIT STANDARDS:** |

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|  | **ID** | **UNIT STANDARD TITLE** | **PRE-2009 NQF LEVEL** | **NQF LEVEL** | **CREDITS** |
| Core | [114534](http://regqs.saqa.org.za/showUnitStandard.php?id=114534) | Maintain sound equipment | Level 4 | NQF Level 04 | 4 |
| Core | [114537](http://regqs.saqa.org.za/showUnitStandard.php?id=114537) | Set up sound equipment | Level 4 | NQF Level 04 | 6 |
| Core | [114538](http://regqs.saqa.org.za/showUnitStandard.php?id=114538) | Ensure sound quality | Level 5 | Level TBA: Pre-2009 was L5 | 15 |
| Core | [114539](http://regqs.saqa.org.za/showUnitStandard.php?id=114539) | Ensure sound source quality | Level 5 | Level TBA: Pre-2009 was L5 | 15 |
| Core | [114527](http://regqs.saqa.org.za/showUnitStandard.php?id=114527) | Master sound recordings | Level 5 | Level TBA: Pre-2009 was L5 | 15 |
| Core | [114525](http://regqs.saqa.org.za/showUnitStandard.php?id=114525) | Mix sound in a monitored environment | Level 5 | Level TBA: Pre-2009 was L5 | 12 |
| Core | [114536](http://regqs.saqa.org.za/showUnitStandard.php?id=114536) | Plan sound production | Level 5 | Level TBA: Pre-2009 was L5 | 6 |
| Core | [114523](http://regqs.saqa.org.za/showUnitStandard.php?id=114523) | Record sound in a monitored environment | Level 5 | Level TBA: Pre-2009 was L5 | 12 |
| Core | [114532](http://regqs.saqa.org.za/showUnitStandard.php?id=114532) | Use computers (Technology) for sound application | Level 5 | Level TBA: Pre-2009 was L5 | 15 |
| Fundamental | [9532](http://regqs.saqa.org.za/showUnitStandard.php?id=9532) | Demonstrate basic knowledge of computers | Level 3 | NQF Level 03 | 6 |
| Fundamental | [7567](http://regqs.saqa.org.za/showUnitStandard.php?id=7567) | Produce and use spreadsheets for business | Level 3 | NQF Level 03 | 5 |
| Fundamental | [7575](http://regqs.saqa.org.za/showUnitStandard.php?id=7575) | Produce presentation documents for business | Level 3 | NQF Level 03 | 5 |
| Fundamental | [7570](http://regqs.saqa.org.za/showUnitStandard.php?id=7570) | Produce word processing documents for business | Level 3 | NQF Level 03 | 5 |
| Fundamental | [10135](http://regqs.saqa.org.za/showUnitStandard.php?id=10135) | Work as a project team member | Level 4 | NQF Level 04 | 8 |
| Elective | [10385](http://regqs.saqa.org.za/showUnitStandard.php?id=10385) | Develop a business plan for a small business | Level 4 | NQF Level 04 | 5 |
| Elective | [10386](http://regqs.saqa.org.za/showUnitStandard.php?id=10386) | Investigate the possibilities of establishing and running a small business enterprise (SMME) | Level 4 | NQF Level 04 | 3 |
| Elective | [13948](http://regqs.saqa.org.za/showUnitStandard.php?id=13948) | Negotiate an agreement or deal in an authentic work situation | Level 4 | NQF Level 04 | 5 |
| Elective | [114540](http://regqs.saqa.org.za/showUnitStandard.php?id=114540) | Perform DJ mix for an audience | Level 4 | NQF Level 04 | 10 |
| Elective | [15231](http://regqs.saqa.org.za/showUnitStandard.php?id=15231) | Create and use a range of resources to effectively manage teams, sections, departments or divisions | Level 5 | Level TBA: Pre-2009 was L5 | 4 |
| Elective | [10053](http://regqs.saqa.org.za/showUnitStandard.php?id=10053) | Manage customer requirements and needs and implement action plans | Level 5 | Level TBA: Pre-2009 was L5 | 8 |
| Elective | [114516](http://regqs.saqa.org.za/showUnitStandard.php?id=114516) | Operate (apply) equipment, material and tools | Level 5 | Level TBA: Pre-2009 was L5 | 15 |