MNSDA

National Competency Standard for Sound Engineering

Standard Code: SOC17S17V1

PREFACE

Technical and Vocational Education and Training (TVET) Authority was established with the vision to develop a TVET system in the Maldives that is demand driven, accessible, beneficiary financed and quality assured, to meet the needs of society for stability and economic growth, the needs of Enterprise for a skilled and reliable workforce, the need of young people for decent jobs and the needs of workers for continuous mastery of new technology.

TVET system in the Maldives flourished with the Employment Skills Training Project (ESTP) funded by ADB with the objective of increasing the number of Maldivians, actively participating in the labor force, employed and self-employed. The Project supported expansion of demand driven employment-oriented skills training in priority occupations and to improve the capacity to develop and deliver Competency Based Skill Training (CBST). The project supported delivery of CBST programs to satisfy employer demand-driven needs. The National Competency Standards (NCS) provide the base for this training. Currently CBST is offered for five key sectors in the Maldives: Tourism, Fisheries and Agriculture, Transport, Construction and the Social sectors. These sectors are included as priority sectors that play a vital role in the continued economic growth of the country.

The NCS are developed in consultation with Employment Sector Councils representing employers. They are designed using a consensus format endorsed by the Maldives Qualifications Authority (MQA) to maintain uniformity of approach and the consistency of content amongst occupations. This single format also simplifies benchmarking the NCS against relevant regional and international standards. NCS specify the standards of performance of a competent worker and the various contexts in which the work may take place. NCS also describes the knowledge, skills and attitudes required in a particular occupation. They provide explicit advice to assessors and employers regarding the knowledge, skills and attitudes to be demonstrated by the candidates seeking formal recognition for the competency acquired following training or through work experience. By sharing this information, all participants in the training process have the same understanding of the training required and the standard to be reached for certification. Certification also becomes portable and can be recognized by other employers and in other countries with similar standards. NCS are the foundation for the implementation of the TVET system in Maldives. They ensure that all skills, regardless of where or how they were developed can be assessed and recognized. They also form the foundation for certifying skills in the Maldives National Qualification Framework (MNQF).

KEY FOR CODING

Coding Competency Standards and Related Materials

DESCRIPTION	REPRESENTED BY
Industry Sector as per ESC (Three letters)	Construction Sector **(CON)** Fisheries and Agriculture Sector **(FNA)** Transport sector (**TRN**) Tourism Sector **(TOU)** Social Sector **(SOC)** Foundation **(FOU)**
Competency Standard	**S**
Occupation within an industry Sector	**Two digits 01-99**
Unit	**U**
Common Competency	**1**
Core Competency	**2**
Optional/ Elective Competency	**3**
Assessment Resources Materials	**A**
Learning Resources Materials	**L**
Curricula	**C**
Qualification	**Q1, Q2 etc**
MNQF level of Qualification	**L1, L2 etc**
Version Number	**V1, V2 etc**
Year of endorsement of standard, qualification	**By two digits Example- 07**

1.Endorsement Application for Qualification 01	
2. NATIONAL CERTIFICATE III IN SOUND TECHNICIAN	

3. Qualification code: SOC17SQ1L317	Total Number of Credits: 42

4. Purpose of the qualification

The holders of this qualification will possess the necessary skills and knowledge required to work as a sound technician. Work may be undertaken as part of a team and would be generally performed under supervision in a structured environment.

5. Regulations for the qualification	National Certificate III in Sound Technician Qualification will be awarded to those who are competent in unit 1+2+3+4+5+6+7+8+9

6. Schedule of Units

Unit Title	Unit Title	Code
1	Observe personal and workplace hygiene practices	SOC17S1U01V1
2	Practice health, safety and security practices	SOC17S1U02V1
3	Practice effective workplace communication	SOC17S1U03V1
4	Perform computer operations	SOC17S1U04V1
5	Handle physical elements safely during bump in/bump out	SOC17S1U05V1
6	Develop basic audio skills and knowledge	SOC17S1U06V1
7	Select and manage microphone and other audio input sources	SOC17S1U07V1
8	Install and disassemble audio equipment	SOC17S1U08V1
9	Assist with sound recordings	SOC17S1U09V1

7. Accreditation requirements	The training provider should place trainees in relevant work environments to provide the trainees the hands-on experience related to this qualification.
8. Recommended sequencing of units	As appearing under the section 06

1.Endorsement Application for Qualification 02	
2. NATIONAL CERTIFICATE IV IN SOUND ENGINEER	

3. Qualification code: SOC18SQ2L417	Total Number of Credits: 168

4. Purpose of the qualification

The holders of this qualification will possess in depth necessary skills and knowledge required to work as a sound engineer. Work may be undertaken as part of a team and would be performed under supervision or independently in a structured environment.

5. Regulations for the qualification	National Certificate IV in Sound Engineer Qualification will be awarded to those who are competent in unit 1+2+3+4+6+7+8+9+10+11+12+13+14

6. Schedule of Units

Unit Title	Unit Title	Code
1	Observe personal and workplace hygiene practices	SOC17S1U01V1
2	Practice health, safety and security practices	SOC17S1U02V1
3	Practice effective workplace communication	SOC17S1U03V1
4	Perform computer operations	SOC17S1U04V1
5	Handle physical elements safely during bump in/bump out	SOC17S1U05V1
6	Develop basic audio skills and knowledge	SOC17S1U06V1
7	Select and manage microphone and other audio input sources	SOC17S1U07V1
8	Install and disassemble audio equipment	SOC17S1U08V1
9	Assist with sound recordings	SOC17S1U09V1
10	Manipulate and incorporate audio into multimedia presentations	SOC17S1U10V1
11	Perform basic sound editing	SOC17S1U11V1
12	Develop and implement sound plans	SOC17S1U12V1
13	Apply a general knowledge of audio to work activities	SOC17S1U13V1
14	Manage audio operations for outdoor events	SOC17S1U14V1
15	Undertake live audio operations	SOC17S1U15V1
16	Manage and compile audio replay material	SOC17S1U16V1
17	Solve problems in basic electronic circuits	SOC17S1U17V1
18	Repair and maintain audio equipment	SOC17S1U18V1

7. Accreditation requirements	The training provider should place trainees in relevant work environments to provide the trainees the hands-on experience related to this qualification.
8. Recommended sequencing of units	As appearing under the section 06

UNIT DETAILS

Unit Title	Unit Title	Code	Level	No of credits
1	Observe personal and workplace hygiene practices	SOC17S1U01V1	3	3
2	Practice health, safety and security practices	SOC17S1U02V1	3	3
3	Practice effective workplace communication	SOC17S1U03V1	3	3
4	Perform computer operations	SOC17S1U04V1	3	3
5	Handle physical elements safely during bump in/bump out	SOC17S1U05V1	3	6
6	Develop basic audio skills and knowledge	SOC17S1U06V1	3	6
7	Select and manage microphone and other audio input sources	SOC17S1U07V1	3	6
8	Install and disassemble audio equipment	SOC17S1U08V1	3	6
9	Assist with sound recordings	SOC17S1U09V1	3	6
10	Manipulate and incorporate audio into multimedia presentations	SOC17S2U10V1	4	15
11	Perform basic sound editing	SOC17S2U11V1	4	12
12	Develop and implement sound plans	SOC17S2U12V1	4	15
13	Apply a general knowledge of audio to work activities	SOC17S2U13V1	4	15
14	Manage audio operations for outdoor events	SOC17S2U14V1	4	15
15	Undertake live audio operations	SOC17S2U15V1	4	15
16	Manage and compile audio replay material	SOC17S2U16V1	4	15
17	Solve problems in basic electronic circuits	SOC17S2U17V1	4	12
18	Repair and maintain audio equipment	SOC17S2U18V1	4	12

Packaging of National Qualifications:

National Certificate III in Sound Technician will be awarded to those who are competent in units

1+2+3+4+5+6+7+8+9

Qualification Code:

SOC17SQ1L317

National Certificate IV in Sound Engineer will be awarded to those who are competent in units

1+2+3+4+5+6+7+8+9+10+11+12+13+14+15+16+17+18

Qualification Code:

SOC18SQ2L417

COMPETENCY STANDARD FOR SOUND ENGINEERING

Unit No	Unit Title
1.	Observe personal and workplace hygiene practices
2.	Practice health, safety and security practices
3.	Practice effective workplace communication
4.	Perform computer operations
5.	Handle physical elements safely during bump in/bump out
6.	Develop basic audio skills and knowledge
7.	Select and manage microphone and other audio input sources
8.	Install and disassemble audio equipment
9.	Assist with sound recordings
10.	Manipulate and incorporate audio into multimedia presentations
11.	Perform basic sound editing
12.	Develop and implement sound plans
13.	Apply a general knowledge of audio to work activities
14.	Manage audio operations for outdoor events
15.	Undertake live audio operations
16.	Manage and compile audio replay material
17.	Solve problems in basic electronic circuits
18.	Repair and maintain audio equipment

BRIEF DESCRIPTION

Sound engineers or audio engineers work on the technical aspects of sound and music production by mixing, reproducing and manipulating the equalization and electronic effects of sound.

Sound engineers don't have to work strictly in music. Some engineers end up designing and controlling the sound at conferences, in theatres, and in any other venue that requires sound projection for an audience.

By controlling microphones, sound levels, and outputs, sound engineers combine their well-trained ears with their knowledge of acoustics to produce the best quality of sound for a variety of purpose.

Sound engineering is all about taking responsibility for the delivery of sound no matter what the medium. This may be mixing of sound at a venue, maintaining a broadcast, mixing and recording in a studio or even the maintenance and repair of sound equipment.

Sound engineering also requires one to understand the correct use of equipment such as the microphones, amplification, acoustic demands of a room/ venue and much more – all for the sole purpose of ensuring that the audience (in whatever form the sound is delivered – recorded, live or broadcast) receives the desired experience.