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### SOUTH AFRICAN QUALIFICATIONS AUTHORITY

SAQA US ID	UNIT STANDARD TITLE			
259602	Describe sources of and control measures for noise in a work place			
ORIGINATOR				
SGB Occupational Health and Safety				
FIELD			SUBFIELD	
Field 09 - Health Sciences and Social Services			Preventive Health	
ABET BAND	UNIT STANDARD TYPE	PRE-2009 NQF LEVEL	NQF LEVEL	CREDITS
Undefined	Regular	Level 1	NQF Level 01	2
REGISTRATION STATUS		REGISTRATION START DATE	REGISTRATION END DATE	SAQA DECISION NUMBER
Reregistered		2015-07-01	2018-06-30	SAQA 10105/14
LAST DATE FOR ENROLMENT		LAST DATE FOR ACHIEVEMENT		
2019-06-30		2022-06-30		

#### PURPOSE OF THE UNIT STANDARD

Learners competent in this unit standard will be able to describe sources of noise and control noise pollution through the use of Hearing Protection Devices.

People credited with this unit standard will be able to:

- Explain the specified requirements pertaining to noise exposure in a work place.
- Describe the various sources of noise in a work place.
- Describe the personal protective measures that can be taken against exposure to noise.

#### LEARNING ASSUMED TO BE IN PLACE AND RECOGNITION OF PRIOR LEARNING

- Communication at NQF Level 1.
- Mathematical literacy at NQF Level 1.

#### Specific Outcomes and Assessment Criteria:

##### SPECIFIC OUTCOME 1

Explain the specified requirements pertaining to noise exposure in a work place.

##### ASSESSMENT CRITERIA

##### ASSESSMENT CRITERION 1

The occupational exposure limit to noise in a workplace is explained in terms of specified requirements.

**ASSESSMENT CRITERION 2**

The effects of continuous exposure to noise are explained in terms of the consequences to the individual's health, safety and productivity.

**ASSESSMENT CRITERION 3**

The need for noise zoning is explained in terms of specified requirements.

**SPECIFIC OUTCOME 2**

Describe the various sources of noise in a work place.

**ASSESSMENT CRITERIA****ASSESSMENT CRITERION 1**

The various sources of noise in a work place are described in general and those occurring in the learner's place of work are named.

**ASSESSMENT CRITERION 2**

Protective measures that can be taken against exposure to noise are explained in terms of the learner's own place of work.

**SPECIFIC OUTCOME 3**

Describe the personal protective measures that can be taken against exposure to noise.

**ASSESSMENT CRITERIA****ASSESSMENT CRITERION 1**

Personal protective equipment to control exposure to noise pollution is described in terms of specified requirements.

**ASSESSMENT CRITERION 2**

Correct use, storage and hygiene of personal protective equipment are explained in terms of legal and site-specific requirements.

**UNIT STANDARD ACCREDITATION AND MODERATION OPTIONS**

☒ Anyone assessing a learner or moderating the assessment of a learner against this unit standard must be registered as an assessor with the relevant Education, Training, Quality, Assurance (ETQA) Body, or with an ETQA that has a Memorandum of Understanding with the relevant ETQA.

☒ Any institution offering learning that will enable the achievement of this unit standard must be accredited as a provider with the relevant Education, Training, Quality, Assurance (ETQA) Body, or with an ETQA that has a Memorandum of Understanding with the relevant ETQA.

☒ Assessment and moderation of assessment will be overseen by the relevant Education, Training, Quality, Assurance (ETQA) Body, or with an ETQA that has a Memorandum of understanding with the relevant ETQA, according to the ETQA's policies and guidelines for assessment and moderation.

☒ Moderation must include both internal and external moderation of assessments, unless ETQA policies specify otherwise.

☒ Anyone wishing to be assessed against this unit standard may apply to be assessed by any assessment agency, assessor or provider institution that is accredited by the relevant ETQA.

### **UNIT STANDARD ESSENTIAL EMBEDDED KNOWLEDGE**

The following embedded knowledge will be assessed in an integrated way in the context of the unit standard:

Knowledge relating to identifying and describing sources and controlling of noise in a working place:

- ☒ Occupational exposure limit.
- ☒ Effects of exposure to noise.
- ☒ Noise zoning.
- ☒ Sources of noise in a working place.
- ☒ Preventative measures against exposure to noise.
- ☒ Personal protective measures.
- ☒ Correct use, storage and hygiene of personal protective equipment.

Critical factors relating to identifying and describing sources and controlling of noise in a working place:

- ☒ Legal and site-specific requirements.
- ☒ Risk Assessment procedures and actions.
- ☒ Identifying principal components of instruments and equipment and explaining their specifications and functions.
- ☒ Communication and reporting requirements.

Processes and events relating to identifying and describing sources and controlling of noise in a working place:

- ☒ Principles of the process.
- ☒ Preparation.
- ☒ Monitor and control.
- ☒ Operating parameters and control methods.

Causes and effects (Occupational safety and health):

- ☒ Use of personal protective equipment.
- ☒ Use of instruments and equipment.
- ☒ Workplace hazards and associated risks.
- ☒ Housekeeping.

Procedures and techniques relating to identifying and describing sources and controlling of noise in a working place:

- ☒ Methods of collecting, analysing, organising, summarising and presenting data.
- ☒ Fault finding and corrective techniques.
- ☒ Handling procedure and controls.

Regulations, legislation, agreements, policies and standards:

- ☒ Safety, health and environmental legislation and regulations.
- ☒ Quality policies, standards and agreements.

### **Critical Cross-field Outcomes (CCFO):**

### **UNIT STANDARD CCFO IDENTIFYING**

Solve problems.

☒ Note: The ability of the learner to correctly identify the source and origin of loud noise contributes to his/her problem solving skills.

### **UNIT STANDARD CCFO WORKING**

Work effectively with others as a member of a team/group/organisation/community.

☒ Note: The ability and willingness of the learner to accept, interpret and delegate work instructions correctly, during the measuring process, indicates that he/she can work effectively as a team member in the bigger organisational structure.

### **UNIT STANDARD CCFO ORGANISING**

Organise and manage oneself and one's activities responsibly and effectively.

☒ Note: The identification of conditions that may influence the performance and well being and the taking of appropriate action will indicate that the learner can organise and manage activities in his/her working environment.

### **UNIT STANDARD CCFO COMMUNICATING**

Communicate effectively using visual, mathematics and language skills in the modes of oral and written presentations.

☒ Note: The ability of the learner to use visual and language skills when reporting noise levels will indicate his/her effectiveness to communicate information.

### **UNIT STANDARD CCFO DEMONSTRATING**

Demonstrate an understanding of the world as a set of related systems.

☒ Note: The ability of the learner to identify and refer anomalous behaviour to a specialist confirms understanding that a specific observation, inference, action or decision can have an interrelated effect.

### **UNIT STANDARD NOTES**

Terminology:

Specified Requirements:

Legal:

☒ Relevant current legislation, regulations and directives pertaining to mining and occupational health and safety.

Site-Specific:

☒ Managerial instructions.

☒ Codes of Practice.

☒ Company Standards.

☒ Standard Task Procedures.

☒ Health Management Programme.

☒ Risk Assessment Documentation.

☒ Working Guides.

☒ Manufacturers' specifications.