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SOUTH AFRICAN QUALIFICATIONS AUTHORITY

SAQA US ID	UNIT STANDARD TITLE			
259597	Explain emergency preparedness and response procedures			
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 2	NQF Level 02	3
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		

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 replaces:

US ID	Unit Standard Title	Pre-2009 NQF Level	NQF Level	Credits	Replacement Status
116533	Demonstrate basic knowledge and understanding of emergency preparedness and response	Level 2	NQF Level 02	2	Complete
13222	Deal with safety, health and environmental emergencies in the workplace	Level 2	NQF Level 02	4	Complete

PURPOSE OF THE UNIT STANDARD

The person credited with this unit standard is able to distinguish between an emergency and an incident as well as understanding the different types of emergencies that may take place in the workplace. The learners will be able to explain the types of emergency alarms in the workplace, the procedures for responding to them and the methods and procedures which need to be applied in an assembly area after an alarm.

The qualifying learner is capable of:

- Explaining different types of emergencies that may be encountered in a workplace.
- Explaining various responses to an alarm.

- ☒ Explaining actions required of a safety officer in an assembly area.
- ☒ Explaining the functions of an emergency control centre.

LEARNING ASSUMED TO BE IN PLACE AND RECOGNITION OF PRIOR LEARNING

- ☒ Communication at NQF Level 1 or equivalent.
- ☒ Mathematical Literacy at NQF Level 1 or equivalent.

UNIT STANDARD RANGE

N/A

Specific Outcomes and Assessment Criteria:

SPECIFIC OUTCOME 1

Explain different types of emergencies that may be encountered in a workplace.

ASSESSMENT CRITERIA

ASSESSMENT CRITERION 1

The differences between an emergency and an incident are explained with examples.

ASSESSMENT CRITERION 2

Probable types of emergencies that may occur in a specific workplace are listed in order to identify the most likely to occur.

ASSESSMENT CRITERION RANGE

Types of emergencies include, but are not limited to, fires, explosions, floods, sink holes, chemical spills and leaks, electrical accidents, natural disasters, mechanical incidents, gas and fume emissions, radiation, bomb threats and possible riots from within and from outside the workplace.

ASSESSMENT CRITERION 3

The most likely types of emergencies that may be encountered in a workplace are determined according to industry type and workplace conditions.

ASSESSMENT CRITERION 4

Effects of these emergencies in the workplace are described in terms of their impact on personnel health, safety and production.

SPECIFIC OUTCOME 2

Explain various responses to an alarm.

ASSESSMENT CRITERIA

ASSESSMENT CRITERION 1

Types of alarms that must be responded to are described with examples.

ASSESSMENT CRITERION 2

Procedures to be followed in the event of specific alarms are explained in terms of worksite emergency policies and procedures.

ASSESSMENT CRITERION 3

The purposes of mandatory, statutory and informative warnings and signs are explained according to specified requirements.

ASSESSMENT CRITERION 4

The importance of adhering to the symbolic signs is explained in terms of responding to an alarm.

SPECIFIC OUTCOME 3

Explain actions required of a safety officer in an assembly area.

ASSESSMENT CRITERIA

ASSESSMENT CRITERION 1

Procedures to account for all evacuated parties are explained in accordance with safety and workplace procedures.

ASSESSMENT CRITERION 2

Methods utilised to account for and record all parties not evacuated are explained with examples in terms of the impact on people and emergency workers.

ASSESSMENT CRITERION 3

Procedures to organise emergency teams are explained with reference to speedy response time by mutual aiders.

ASSESSMENT CRITERION 4

Information to be provided to mutual aiders is explained in terms of them rendering a professional service.

ASSESSMENT CRITERION RANGE

Mutual aiders may include but are not limited to fire brigade, first aiders, police, medical personnel, rescue teams and traffic police.

SPECIFIC OUTCOME 4

Explain the functions of an emergency control centre.

ASSESSMENT CRITERIA

ASSESSMENT CRITERION 1

Records required of the events of an emergency are explained in terms of regulations and organisational procedures.

ASSESSMENT CRITERION 2

Communication structures at the emergency are explained with examples of how they work and flow.

ASSESSMENT CRITERION 3

Types of information required to manage the emergency are explained in terms of regulatory

requirements and safety of people and property.

UNIT STANDARD ACCREDITATION AND MODERATION OPTIONS

- ☑ An individual wishing to be assessed (including through RPL) against this unit standard may apply to an assessment agency, assessor or provider institution accredited by the relevant ETQA or an ETQA that has a Memorandum of Understanding in place with the relevant ETQA.
- ☑ Anyone assessing a learner against this unit standard must be registered as an assessor with the relevant ETQA or an ETQA that has a Memorandum of Understanding in place with the relevant ETQA.
- ☑ Any institution offering learning that will enable achievement of this unit standard or assessing this unit standard must be accredited as a provider with the relevant ETQA or an ETQA that has a Memorandum of Understanding in place with the relevant ETQA.
- ☑ Moderation of assessment will be conducted by the relevant ETQA at its discretion.

UNIT STANDARD ESSENTIAL EMBEDDED KNOWLEDGE

- ☑ Organisational emergency policies and procedures.

Critical Cross-field Outcomes (CCFO):

UNIT STANDARD CCFO IDENTIFYING

Identify and solve problems in the process of responding to a type of emergency.

UNIT STANDARD CCFO ORGANISING

Organise and manage oneself and one's activities in order to have available all the required information on how to prepare and respond to emergencies in the workplace.

UNIT STANDARD CCFO COLLECTING

Collect, analyse, organise and critically evaluate information which may be passed on to mutual aiders in the case of an emergency.

UNIT STANDARD CCFO DEMONSTRATING

Demonstrate an understanding of the world as a set of related systems where not knowing how to respond to an emergency situation in the workplace could lead to injuries and the loss of life.

UNIT STANDARD NOTES

This unit standard replaces the following unit standards:

- ☑ ID 116533: Demonstrate basic knowledge and understanding of emergency preparedness and response, NQF Level 2, 2 Credits.
- ☑ ID 13222: Deal with safety, health and environmental emergencies in the workplace, NQF Level 2, 4 Credits.

Terminology:

"Specified requirements" include legal and site-specific requirements and are contained in the following documents:

Legal:

- ☒ Relevant current legislation, regulations and directives pertaining to mining and occupational health and safety.
- ☒ Mandatory Codes of Practice.
- ☒ South African National Standards and other relevant Standards.

Site Specific:

- ☒ Hazard Identification and Risk Assessments (HIRA).
- ☒ Occupational Health and Safety Risk Management Programme.
- ☒ Managerial Instructions.
- ☒ Organisational Standard Procedures.
- ☒ List of Recorded OHS Risks.
- ☒ Working Guides.
- ☒ Equipment and Materials Specifications.
- ☒ Acceptable subject related theory.