

Unit ID: 1755

Domain

**FIREFIGHTING AND RESCUE
OPERATIONS**

Title:

**Demonstrate knowledge of water supply
sources, water equipment and accessories**

Level: 1

Credits: 4

Purpose

This unit standard specifies the competencies required to be able to demonstrate knowledge of water supply sources, water equipment and accessories. People credited with this unit standard are able to: Demonstrate basic understanding of water supply sources and Operate fire hydrant. This unit standard is intended for those who intend to work and also those currently working in firefighting and rescue operations.

Special Notes

1. Entry information:

Prerequisite
 - None.
2. This unit standard is to be assessed in the context of firefighting and rescue operations and should be assessed in conjunction with other relevant technical unit standards selected from this domain.
3. Assessment evidence may be collected at a real workplace or an appropriate simulated realistic environment in which firefighting and rescue operations are carried out.
4. Glossary of terms:
 - 'SANS' refers to South Africa National Standards
 - 'NFPA' refers to National Fire Protection Association
 - 'ANSI' American National Standards Institute
 - 'SOP' Standard Operational Procedures
 - 'SOG' Standard Operational Guidelines
5. Performance of all elements in this unit standard must comply with firefighting industry standards and workplace requirements.
6. Regulations and legislation relevant to this unit standard include the following:
 - Occupational Health and Safety Regulations No. 18, 1997 and all subsequent amendments
 - Applicable Organizational and Authorities personnel Rules
 - Conditions of Service and relevant SOP and SOG
 - ISO 14001 (Environmental Management Standard)
 - The Local Fire Brigade Services Act, Act No 5 of 2006 and all subsequent amendments to any of the above.

Quality Assurance Requirements

This unit standard and others within this subfield may be awarded by institutions which meet the accreditation requirements set by the Namibia Qualifications Authority and the Namibia Training Authority and which comply with the national assessment and moderation requirements. Details of specific accreditation requirements and the national assessment arrangements are available from the Namibia Qualifications Authority on www.namqa.org and the Namibia Training Authority on www.nta.com.na.

Elements and Performance Criteria

Element 1: Demonstrate basic understanding of water supply sources

Performance Criteria

- 1.1 Hydrants are described in accordance with workplace procedures.
- 1.2 Fire hydrant marking and location are discussed in accordance with workplace requirements.
- 1.3 Alternative water supplies are identified and their advantages and disadvantages are explained.

Element 2: Operate fire hydrant

Performance Criteria

- 2.1 Fire hydrant points are identified and located according to SOP.
- 2.2 Soft-sleeve and hard-suction hydrant connections are established in accordance with SOP.
- 2.3 Hard-suction hose is connected and placed for drafting from static water source according to SOP.
- 2.4 Portable water tank is deployed in accordance with SOP.

Registration Data

Subfield:	Occupational Health and Safety
Date first registered:	28 March 2018
Date this version registered:	28 March 2018
Anticipated review:	2023
Body responsible for review:	Namibia Training Authority