



## BASIC FIRE FIGHTING

SAQA US: 252250  
NQF Level: 1  
SAQA Credits: n/a  
SAIOSH CPD Credits: 2  
Duration: 1 Day

### Course description

The Basic Fire Fighting course is aimed at ensuring that participants are well-prepared to capable of identifying, containing, preventing and extinguishing different types of fires by operating basic firefighting equipment.

### Course outcome

Students will be able to:

- Identifying different types of fires.
- Explaining and practice fire prevention.
- Operating basic firefighting equipment.
- Perform basic fire fighting procedures.

### Course Content

#### MODULE 1: LEGISLATION

##### **The Occupational Health and Safety Act No 85 of 1993 and Regulations.**

Section 8. General duties of employers to their employees.

Section 14. General duties of employees at work.

##### **Environmental Regulations for Workplaces, 1987.**

ERW 9. Fire precautions and means of egress.

#### MODULE 2: IDENTIFY TYPES OF FIRE

##### **Chemistry of fire.**

Chemical reaction.

##### **Spread of fire and heat radiation.**

How fires behave.

Flames spreading over a surface.

Falling Objects.

General Sources of Ignition.

Electricity.

##### **Surfaces may become hot because of the following.**

Open flames.

Rubbish bins.

Dust as a fire and explosive hazard.

##### **Classification of fires.**

Fire-Extinguishing Mediums.

Water.

Dry Powder (smothering).

Foam (smothering and cooling).

Carbonic acid gas (smothering, quenching and cooling).

#### MODUEL 3: FIRE PREVENTION

##### **Fire Prevention and Protection.**

Fire fighting strategy.

Fire Fighting Teams.

Some rules for preventing fire.

Check equipment.

##### **Fire fighting and safety equipment.**

Firefighting equipment includes.

Safety equipment includes.

##### **Problems that may cause fires and hamper fire control.**

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**Prepare for an emergency.**

Employers should.

Employees should.

Emergency evacuation and fire fighting signs.

**Emergency procedures.**

The Building Warden.

The Floor Wardens.

The Maintenance Superintendent.

The Security Staff, on activation of the fire alarm.

The Telephone Switchboard Operator shall:

**Evacuation procedures.**

Emergency management committee.

Floor wardens.

Fire fighting teams.

First aid team .

Evacuation team.

If a Fire Occurs.

**MODULE 4: SELECT FIRE FIGHTING EQUIPMENT**

**Equipment for extinguishing fires.**

Portable Extinguishers.

Activating the Extinguisher.

Fire Hose Reels.

Fire Hydrants.

General guidelines for the placing of fire extinguishers.

**MODULE 5: FIGHT THE FIRE**

**Rules of the fire fighter.**

**Methods of extinguishing a fire.**

Starvation.

Smothering.

Cooling.

Factors That Affect Fire Development.

**Monitor and respond to changes in the fire.**

Fire monitoring.

Attacking a fire.

**Contain and/or extinguish a fire.**

**Secure the scene of the fire/incident.**

Vital requirements.

**PRACTICAL ASSESSMENT**

- Basic fire fighting exercise.