

# Advanced Fire Fighting



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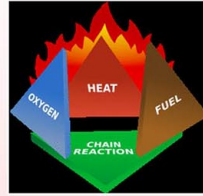
[www.safezone-eg.com](http://www.safezone-eg.com)

## Content

- Theoretical and practical exercises
- Use of fire extinguishers and firefighting tools
- Chemistry of fire and mechanism of combustion
- Classifications of fire
- Preparing Emergency Action Plans
- Emergency Evacuation techniques

## Course Content

- Introduction
- Fire
- Chemistry of Fire
- Mechanism of Combustion
- Flash Point
- Oxygen Required for Combustion
- Ignition Temperature
- Fire Point
- Fire Tetrahedron (Fire Triangle)
- Classification of Fire
- Fire Extinguishing Systems
- Water Extinguishing System
- Foam Extinguishing System
- Co2 Extinguishing System
- Dry Powder Extinguishing System
- How to Fight the Fire
- Emergency Action Plans
- Means of Egress
- Emergency Plan
- Evacuation
- Practical Exercise



## Training Methodology

A mixture of taught sessions and exercises will be used to achieve the desired aims of the training, together with practical using of firefighting equipments



**Who Should Attend:** The course is aimed at all levels of employees who their duties may make it necessary for them to fight fires. The purpose of this course is to supply them with fundamental facts which may prove valuable in such an emergency and acquaint them with the use of firefighting equipments



**On successfully completing the course, attendees will be able to:**

- Recognize chemistry of fire and mechanism of combustion
- Recognize different types of fire and how to attack each type
- Select appropriate equipment for different types of fire
- Implement control measures to eliminate or reduce risks
- Prepare emergency plans for safe evacuation
- Understand the importance of emergency action plans
- Organize and implement appropriate emergency procedures

