

BASIC FIRE SYSTEMS

Course Overview

New people joining the fire industry will find this course essential. This course introduces a broad range of topics so that the participants will have a clear understanding of fire systems and many of the areas associated with them such as evacuation systems and sprinkler systems.

Prerequisites

No prerequisites required

Key Topics

- Principles of basic fire systems
- Characteristics of fire
- Explanation of common terms
- Types of Fire Panels (FACP's)
- Conventional / Analogue Addressable
- Types of detectors /Devices
- Warning systems
- Fan controls
- Brigade signalling
- Aspirating systems
- Sprinkler systems
- Flow switches
- Pressure switches
- Monitored valves

Methodology

Group instruction and discussion, PowerPoint presentation, samples, hands on practical exercise, visual aids and comprehensive course documentation

Expected Outcome

At the completion of the course participants will be expected to be able to:

- Fully understand the principles of how basic fire systems work
- Recognise the various terms with respect to fire systems
- Understand the principles of operation of smoke, thermal and aspirating detectors and have an awareness of where each type would be used.
- Be able to differentiate between conventional and addressable systems



Course No:	110
Duration:	½ Day
Times:	TBA
Dates:	TBA
Venue:	TBA
Fees:	TBA