

# Professional Development Courses

## Fire Systems



### 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

<b>Course No:</b>	110
<b>Duration:</b>	1/2 day
<b>Times:</b>	TBA
<b>Dates:</b>	TBA
<b>Venue:</b>	TBA
<b>Fees:</b>	TBA

# Professional Development Courses

## Fire Panels



## ZoneSense Plus

### Course Overview

This course is designed to provide participants with a detailed insight of all the features of the ZoneSense PLUS panel. Where numbers permit practical sessions for participants will be included. The session will also include a demonstration of the panel and an explanation of the various modules and configurations that may be used in the panel.

### Prerequisites

Understanding of basic of fire systems.

### Key Topics

- Panel features
- Using the panel
- Types of modules
- Panel programming

### Methodology

Group instruction and discussion, 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:

- Understand the operation the ZoneSense PLUS FACP
- Operate the ZoneSense PLUS FACP and modify the program from the front panel.
- Interrogate module status's
- Have a clear understanding of the functions available on the panel

<b>Course No:</b>	130
<b>Duration:</b>	1/2 day
<b>Times:</b>	TBA
<b>Dates:</b>	TBA
<b>Venue:</b>	TBA
<b>Fees:</b>	TBA

