

## **Fire Fighting Z HSE-04**

### **Duration :**

Four Days 24 Hours

### **Who Should Attend :**

Fire department engineers and personal in oil companies refineries civil and industrial sectors staff of security & safety department companies industry and government

### **Language :**

Arabic, English

### **Overview :**

To focus on the causes of fire in different types of engines, buildings, and oil wells To provide technical procedure of controlling detecting and extinguishing fire, also, to introduce the necessary requirements and measures of ventilation and air – conditioning systems. Case studies multimedia (sound – colourful illustrations animation – live video) and IFSTA standards are the core of the course

### **Topics :**

- Introduction
- Fires, sources, and causes
- Fire behaviour
- Fires in different types of buildings
- Fires in mobile equipment, spill fire
- Tank fires and oil – well fires
- Fire control I
- Fire control II
- Basic fire fighting tactics
- Fire alarms and communications
- Water supply systems
- Automatic heat, smoke and flame detection
- Fire streams and hoses
- Smoke management
- Ventilation procedures and types
- Sprinkler system fundamental & types
- Sprinkler system design
- Sprinkler system – case study
- Practical exercise

