

## THEORETICAL SESSION - 4 Hours

- Fire Tetrahedron including the components of a fire (oxygen, fuel, heat and chemical chain reaction)
- Review the legal requirement in relation to Part V (fire) of the Occupational Safety and Health Act, 2004 amendment 2006
  - ⇒ Means of escape in case of fire
  - ⇒ Safety provisions in case of fire
  - ⇒ Instructions as to the use of means of escape in case of fire
  - ⇒ Provision of adequate firefighting equipment
- Classification of fire (A - common combustibles, B - flammable liquids, C - electrical equipment, D - metals, K - kitchen equip)
- Fire extinguisher components and identification labels significance
- Types of fire extinguishers (pressurized water, carbon dioxide, multipurpose dry chemical, foam, wet chemical)
- Risk assessment process (Section 13A OSH-TT Act)
- Fire extinguisher operation using the PTASS technique
- Fire extinguisher maintenance and inspection in accordance to NFPA 10 Standards
- The use and purpose of fire blankets
- Fire suppression and detection systems
- Basic first aid treatment for burns as a result of fire
- Types of fire hose reels and related installation processes
- General instructions for the use and operation of the fire hose reel
- Understanding of evacuation maps and safety instructions in accordance to Emergency Response Plan
- Evacuation routes and means of escape
- Roles and responsibilities of a Fire Warden
- Using and interfacing with fire alarms & suppression panels to better understand and interpret the signals illustrated
- Management systems that incorporates fire drills, routine inspections, emergency planning and records
- Interactive in class scenario sessions and related response sequence

## PRATICAL SESSION

Session will allow participants to assess a fire emergency, select the appropriate fire extinguisher and practice the PTASS technique to extinguish the simulated fire. This session will also allow the participants to have working knowledge and hands on training on using the fire hose reels during fire scenarios and the subsequent emergency response to preserve life and prevent property damage. Participants will be allowed to interface with a fire alarm control panel, understanding various functions and partake in an evacuation procedure executing roles of a fire warden.

## TARGET AUDIENCE

All individuals requiring basic fire safety training being in an occupational setting or at home and individuals delegated to a company's fire warden team. From an occupation perspective the company's Emergency Response Team must be trained in such disciplines.

- Minimum amount of persons - 8
- Maximum amount of persons - 15



## CONTACT INFORMATION:

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