

THEORETICAL SESSION - 2 Hours

- Fire tetrahedron including the components of a fire (oxygen, fuel, heat and chemical chain reaction)
- Review the legal requirements 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, D– metals & K– commercial cooking equipment)
- 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 system
- Basic first aid treatment for burns
- Types of fire hose reels and related installation process
- General instructions for the use and operation of the fire hose reel
- Understanding of evacuation maps and safety instructions
- Interactive in class scenario sessions and related response sequence

PRACTICAL SESSION - 2 Hours

This will allow all participants to assess a fire emergency, select the appropriate fire extinguisher and practice the PTASS technique to extinguish the simulated fire. This session will allow participants to have working knowledge and hands on training in using fire hose reels and practice various fire scenarios and the subsequent emergency response to preserve life and prevent property damage.

TARGET AUDIENCE

Individuals in all types of building occupancies.

- Minimum amount of persons - 10
- Maximum amount of persons - 15



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