

ADVANCED FIREFIGHTING COURSE OUTLINE

THEORETHICAL SESSION - 4 Hours

- Fire chemistry, fire tetrahedron (fuel, oxygen, heat, chain reaction) and classification of fire (A, B, C, D and K)
- Legal requirements as per the OSH TT Act 2004 amendment 2006 (Part V Fire Safety)
- Types of fire extinguishers and use (PTASS)
- Emphasis on wheeled extinguishers
- Fire extinguisher maintenance and inspection in accordance to NFPA 10 Standards
- Fire suppression and detection systems
- Development of Emergency Response Plans risk assessment process
- Global Harmonization Systems (GHS) for hazard classification and labelling
- Fire fighting equipment (hoses, nozzles, fittings, hydrant valves, hydrants)
- Fire hose handling, application and fire fighter survival
- Foam fire fighting equipment (foam cart, foam educators, industrial monitors, ground monitors, hose reels)
- Foam application method (Roll-on-Method, Bank-Down Method, Rain-Down Method)
- Water control and nozzle movement commands and fire stream patterns
- Emergency procedures due to loss of water on single and multiple lines
- First aid treatment and basic casualty rescue

PRACTICAL SESSION - 4 Hours

The Advance Firefighting Course will allow participants to use appropriate firefighting equipment and tactics due to the level of risk exposed. Participants will have hand on knowledge on use and application of portable fire extinguishers, hose reels, firefighting hoses, appropriate nozzles and foam in a simulated setting. Participants would be placed in diverse scenarios to be better equipped for any fire emergency situation in an occupational setting, executing duties as to the company's emergency response procedures to preserve life and minimise property damage.

Note: The course content can be modified due to organization risk factors where the practical scenario can be company specific due to the hazardous operations.

TARGET AUDIENCE

Individuals in all types of building occupancies that are part of the organization's in-house **Emergency Response Team**.

- Minimum amount of persons - 6
- Maximum amount of persons - 12



CONTACT INFORMATION:

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