

H S E

HEALTH

SAFETY

ENVIRONMENT



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NFPA Basic Firefighting Skills & Techniques

Duration: 5 Days



Introduction:

There is no single fire training program, which can effectively satisfy the needs of industry in general. Each industry has particular fire risks and hazards associated with its operation, which require special consideration. Nevertheless, there are several basic categories of fires, which, for training purposes, effectively simulate the vast majority of fire situations encountered in industry. This course helps to provide participation with necessary basics awareness & skill of firefighting.

The aim of this course is to provide the most comprehensive and current techniques so as to effectively fight a fire. Training complies with the NFPA standards worldwide recognized. Theoretical and practical classes involve trainees in the effective way to prevent, recognize and extinguish different types of fires that may occur within oil and gas industry. The National Fire Protection Association (NFPA) Standard 1001 is widely endorsed by departments as a necessary credential for new hires. Our program's curriculum exceeds the requirements set out by the NFPA, and includes more hands-on skill building. The course will feature:

- Provide clear understanding of duties
- Ability of the attendee to identify hazards & perform remedy action
- Identify & skillfully operate fire protection equipment
- Capable to competently respond to mitigate & control emergency cases

- Proper use & handling of PPE
- Conduct atmospheric gas testing and appropriately don the SCBA

Who Should Attend?

Team Leaders, Managers, Superintendents, Line Managers, General Supervisors, Foremen, Supervisors, Project Managers, Fire Officers, Senior Fire Officer, Chief Fire Officers, Senior Fire & Equipment Personnel, Fire Coordinators, Fire Executives & Industry Personnel, Fire Responders, Fire Engineers Loss Prevention Engineers, Control Center Operators and Supervisors, Emergency Personnel, Emergency Dispatchers, Security Personnel and CCTV Operators, HSE Officers, HSE Engineers & Personnel, HSE Professionals

Course Objectives:

By the end of this course delegates will be able to:

- Understanding the fire fact
- The factors affecting fires
- Use portable fire extinguisher
- General knowledge and skills
- SCBA
- Exiting a hazardous area
- Structural search and rescue
- Equipment cleaning and checking
- Fire department communications
- Fire safety survey
- Fire safety information
- Incident command system

Course Outline:

- Introduction, concept and application of fire, fire triangle and fire prevention principle
- The theory of fire
- Common ignition sources
- The classification of fire
- Fire characteristics
- Flammable material
- Fire hazards
- Chemistry of fire
- Stages of fire
- Types of fire
- Sources of ignition
- Extinguishing agents
- General alarm, fire plan, muster list, communication, drills and safety procedures
- Location of firefighting appliances, emergency routes and fire spread
- Alarm systems and classification of fires and extinguishing agents
- Precautions for use of fixed fire extinguishing installations
- Fire hoses and nozzles, portable fire extinguishers, fire man's out fit
- Fire blankets, fire safety arrangements, fire alarms and actions
- Small fires
- Extensive fires
- Firefighting extinguishers
- Types of extinguishing agents
- What is a portable fire extinguisher?
- Identifying the proper fire extinguisher
- Using the fire extinguisher
- When not to fight a fire
- Inspecting a fire extinguisher
- Basics of distribution & rating of firefighting extinguishers

- Firefighting tactics
- Firefighting mediums
- Breathing apparatus
- Fire prevention
- Fire protection
- R. A. C. E
- MSDS: understating specific emergency response procedures which includes fire and spillage