



**Royal Crown Academy**  
For Training Technology



# IADC

# Program - Fire Course

## Scope of the Course:

The program is chalked out to ensure the International requirement on Fire Fighting and Fire Preventions in Oil & Energy Sector. It identifies the obligation scales of Drilling Industry, refineries aim and objective of Fire Safety Training program. The learners would be able to identify the common and special causes of Fire occurrence and modes to restrict and prevent the fire. fire and prevention, propagation and control measures.

The Program is approved with International Experts on Oil & Gas Sector and exactly competes the requirements.

It includes the awareness on first aid firefighting equipment, hands on and mock exercise, evacuation planning and emergency drill. The special segment covers the Fire Drill and Fire Fighting Technique on Onshore Rigs.



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## Topics Covered:

- Definition of Fire, Chemistry of Fire
  - Fire Triangle & Tetrahedron
  - Elements of Fire
  - Classification, extinction method and mode of spread
  - Thermal layering, thermal composition of Fire
  - Types of reactions
  - Building Classes and reactivity of materials
  - Flash point and fire points of organic compounds
- Product of Fires in Oil Energy and its effects on human life
- Common Fire Accidents and Prevention Steps in Rig Fires
  - Residential Camps and Kitchen area
  - Rig Mast
  - Power Generation area and electrical fires
  - Workshops fires and control measures
  - Vehicles and transport machinery fires
- Importance of Fire Safety on Rig and Refineries
- Use and manufacture of Fire Fighting Equipment and types
- Means of Escape and Emergency Response Plans
- Importance of Evacuation and Evacuation Points
- Fire Fighting, Rescue and Cordon teams
- Role and importance of Fire Warden, Fire Supervisors and Security Staff
- Camp Evacuation Drill, Building Evacuation Drill and Drilling Area Evacuation Drill
- Installation of Fire Fighting Equipment and standard codes for purchase and recommendation of items
- Classification and coding of Fire Fighting equipment
- Emergency Drills
- Hands on Fire Fighting Equipment



Duration of Course	02 Days – 04 Days Course @ 16 Hours + 06 Hours Practical on site with Evacuation Drill
Location	Client Proposed location with standard training provision + Symposium Hall + Our locations
Time Requirement	Mutually agreed time
Assessment	01 x Approved Examination based on MCQs
Training Aids	Power point Slides, Videos, Practical Equipment and Training Charts
Certificate Validity	02 Years after date of issue
Certificate Sample	Attached or new pattern available with IADC DIT USA with approved logo
Issuing Authority	IADC Drilling Industry Training (DIT) United States of America



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