



Royal Crown Academy

For Training Technology



RCTT – American Certification System

Fire science and practical fire certification – USA

Royal Crown for Training Technology is registered in Turkey and most efficiently working in Iraq. The Iraq is un-doubtly in the LEADING OIL COUNTRY with numerous International and local Professional Engineers, Field Professional and multinational companies.

We have designed the course to strive emerging Oil & Gas Fire and Fire Safety issues and it is prepared by Field Professional in Fire, Engineering and Technical Industry. The course contents are under which is based on **OSHA 29, Code of Federal Regulation (CFR) 1910** for General Industries Program;

Course Outline and Topics Covered:

- Fire Fighting Drills to Rig Staff
- Pumps and Priming Techniques
- Types of Hose and Hydraulics
- Product of Fires in Oil Energy and its effects on human life



CONTACT US

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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
- Fire Hazards in Refineries downstream
- Importance of Fire Safety on Rig and Refineries
- 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
 - Flash Over and Back Draft

- Electrical Fire Safety
- 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
- First Aid treatment to victimized and burn and scald cases.
- Customized Requirement of the Client can be added in the course but, requirement will be 02 weeks before will get approved from ACS USA.



Duration of Course	32 Hours including Practical (01 Week Course) including Practical
Location	Any client proposed location / country
Time Requirement	01 Week before training
Assessment	02 Hours MCQs Examination + Practical Test from each participant
Training Aids	Power point Slides, Videos, Practical Equipment and Training Charts
Certificate Validity	03 Years
Certificate Sample	Attached
Issuing Authority	American Certification System - USA



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