

# Emergency Response Plan for Gas & Oil Plants

## Z HSE-18

### Duration :

Three days 18 Hours

### Who Should Attend :

All employees in the Oil and Gas industry

### Language :

Arabic, English



### Overview :

This course is designed to train the participants to recognize the importance of safety of the work place in the oil and gas industries and to recognize the need for effective preparation and adequate planning to meet all hazards. It will illustrate and develop the essential elements necessary for planning and emergency response, which prevent or minimize the environment hazards, destruction of property or loss of time

### Topics :

- Nature of oil industries
- Definition and classification of emergencies
- Emergencies in oil industry
- Crude oil and gas production
- Distribution systems
- Hazardous materials in oil industry: crude oil, natural gas LNG, LPG, H<sub>2</sub>s, refinery products, treating chemicals
- Hazard assessment-classify the degree of hazard of the above with regard to location, equipment, design material handling, transport action and storage  
Strategy for handling petroleum industry emergencies Site specific contingency plans for preventive techniques (detection equipment, fire fighting equipment, fire fighting training, medical aids environmental control and emergency crew
- Fire as an example of a major emergency in the oil industry (identification of hazard, types of fires, sources and causes, fire detection systems, fire fighting systems Steps to ensure the retention of skills gained through the course
- Action plan to apply the new skills to the job