



**Oil & Gas (E&P) Offshore Operations Risk Management  
Module 1  
PFE14**



**Oil & Gas  
Consultancy Services & Technical Training Providers**

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# Oil & Gas (E&P) Offshore Operations Risk Management (PFE14)

## Module 1: (5 Days)

### Content:

1. Introduction to Offshore Operations & Offshore Risk Management
  - Offshore Exploration & Production Overview
  - Chronology of Risks in Offshore Operations
  - Video clips on segments of Offshore Operations
    - e.g. (i) GOING OFFSHORE (Boarding & Disembarking from Helicopter
    - (ii) Confined Space & Vessel Entry Risks & Procedure
  - Categories of Risks in Offshore Operations
2. Measurements of Risks in Offshore Operations
  - Exploration, Field Appraisal & Field Development Risks & Risk Analysis
  - Offshore Risks to Workers
  - Risk Levels Categorisation
3. Offshore Exploration Risks
  - Geophysical Survey Risks
  - Responsibilities of IOC and Geophysical Survey Service Companies (Seismic Survey)
  - How Exploration Risks are Mitigated?
  - Exploratory Drilling Well Risks:
    - Over-Pressure Risks
    - Blow Out & Blow Out Prevention
    - BOP Ratings
    - Contractor(s) vs. IOC Responsibilities in Exploration Drilling
    - Examination of Offshore Drilling Contract Clauses, Terms & Conditions. (Exploration & Production Drilling)
4. Offshore Drilling Operations (Production Drilling) Risks
  - Types of Offshore Drilling
  - Drilling Rig Types
  - Drilling Platform
  - Offshore Drilling Process & Operations (Drilling Works)
  - Drilling Discharge Risks
  - Drilling & Well Risks Assessment ; Nature & Challenges of Risks
  - Consequence Analysis of Wells
  - Extent of (Maximum) Credible Accident Analysis

## 5. Principal Health & Safety Risks in Offshore Operations

- Major Hazard & Risks
- Personal Health & Safety
- Mechanical Handling & Crane Operations  
(Video clips: 'Offshore Grade Operations 1 & 2')
- Health & Safety Regulations
- HSE Enforcement Management Model

## 6. HSE & Diving in O & G Offshore Operations

- Diving Risks
- Offshore Diving Training & Qualifications
- Medical Requirements
- Approved Codes of Practice for Divers at Work (Including 1997 Regulations Updates)
- Diving Operations Records (Mandatory)
- Diving in Hazardous Installations & HSE Standards for Diving in O & G Offshore Installations

### Course Fee:

Module 1      £2,950 + VAT

**5 easy ways to  
register or to  
make an enquiry:**

1.Web

[www.petroconsultenergy.co.uk](http://www.petroconsultenergy.co.uk)

2.Email

[info@petroconsultenergy.co.uk](mailto:info@petroconsultenergy.co.uk)

3.Phone

+44(0)1708 755355

4.Fax

+44(0)1708 755358

5.By post

*Petroconsult Energy Co. Ltd.*

4 Holgate Court, Western Road,

Romford, RM1 3JS, United Kingdom