



Training and Consultancy Services

Middle East & India



Level 3
DIPLOMA IN
OIL & GAS OPERATIONS

International Certification

Duration: 3 months

www.tracezglobal.com

Introduction

The Diploma program in Oil & Gas operations is aimed to develop the competency of participants to work as Oil & Gas operator / technician. This program will also support engineers who are looking for jobs in design, construction & maintenance areas.

Oil & Gas industries in India and abroad has many job opportunities for job seekers from all backgrounds. Opportunities in the Oil & Gas sector comes from mainly Design, Construction, Procurement, Commissioning, Inspection, Safety, Drilling, Production, Logistics, Operation & Maintenance areas.

Engineers and technicians from all disciplines can find various opportunities in any one of the job areas mentioned above. Basic understanding on Properties of Petroleum, Production and processing systems, Safety procedures, Material selection, Corrosion & protection issues, Operation & Maintenance, Oil & Gas economics in production and refining, etc is required to find employment with O & G industries

TRACEZ India

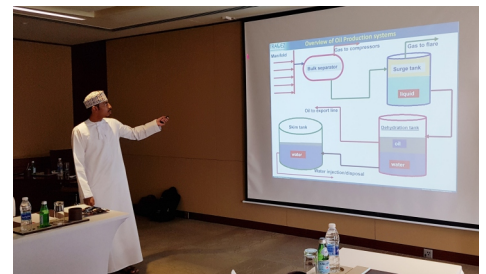
TRACEZ India is the branch of Tracez Training & Consultancy Services, an international training company currently operating in the Middle East.

Tracez team has more than 30 years' experience in developing and delivering training programs for Oil & Gas industries.

TRACEZ has international expertise with major Oil & Gas companies including SHELL, BP, OCCIDENTAL, ARAMCO, ADNOC, etc.

What you learn

- Understanding on Origin of Petroleum and properties
- Oil & Gas Exploration, Drilling, Production & Processing systems
- Ability to read and understand all types of drawings including P&IDs, PFS, C & E, etc.
- Technical English relevant to Oil & Gas
- Communication & Presentations skills
- The operation & maintenance of all types of rotating equipment.
- Basics of Refinery & Petrochemical Operations
- Knowledge on initial Commissioning, Startup & Shutdown of plant equipment & accessories. Isolation & de-isolation of all equipment/systems of Oil & Gas
- Basics of HSE (Health, Safety & Environment) policies & practices
- Oil & Gas safety systems (Permit to work, PPE, HSE Documents, etc.)
- Basics of Process Instrumentation & Control systems for Oil & Gas operation
- Competency to operate Oil & Gas production systems, etc.



Suitable for

- Engineering Diploma holders
- B.Tech Graduate from all discipline
- Graduates- BSc
- Higher Secondary -Science
- B.Tech- Course completed candidates.

Mode of Delivery

- Highly visual Powerpoint slides
- Videos & graphics
- Case studies
 - Practical assignments
 - Assessments for each modules
 - Group discussions & presentations by candidates
- Practical skills development in pilot plants
 - Oil & Gas Industry visits
 - End of program exam/assessment



Modules

- Introduction to Oil & Gas systems
- Origin of Petroleum, Geology & Oil Exploration
- Drilling & Completion
- Wellhead & Controls
- Well Completion & testing
- Oil Production Systems
- Artificial Lift systems
- Enhanced Oil Recovery systems
- Processing, Transportation & Storage of Oil
- Basics of Oil Refining & Petrochemical systems
- Gas production & Treatment
- Instrumentation & Process controls systems
- Safeguarding Systems for Oil & Gas industries
- General Safety for Oil & Gas Operation
- Pumps & Compressor Operation
- Economics of Oil Production
- Emergency handling in Oil & Gas operation
- Startup & Shut down of Oil & Gas plant and equipment systems
- Isolation, De-isolation & commissioning of plant systems
- Maintenance of rotating & static equipment
- Utility systems- Power, instrument air, steam & water systems, etc.
- Technical English- relevant to Oil & Gas Operations
- Communication & Presentation Skills development

Additional Programs

Program titles	International Certification	Duration
Technical, HSE & Leadership Training	Various	2 to 5 days
CPE - Certified Professional Engineer Level 1 Skill development for Engineers - All branches	CPD, UK STED Council	3 months
Diploma in Managing Health & Safety of Process Industries	OGSC, UK	3 months
Certified Train the Trainer - Training & Certification. Suitable for all instructors, teachers, trainers & lecturers	CPD, UK.	3 days
Competence Assessor & Internal Verifier Certification City & Guilds / OPITO	OPITO, City & Guilds	3 days
Technical Programs to support Engineering Colleges Discipline specific Engineering Applications Training	various	2 to 5 days
Pipeline Design Engineering	STED Council	5 Days
Competent Electrical Person Electrical Skill development & Certification	TUV Rheinland	5 days

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