

COURSE BROCHURE

CERTIFIED
PETROLEUM,
OIL & GAS ENGINEER



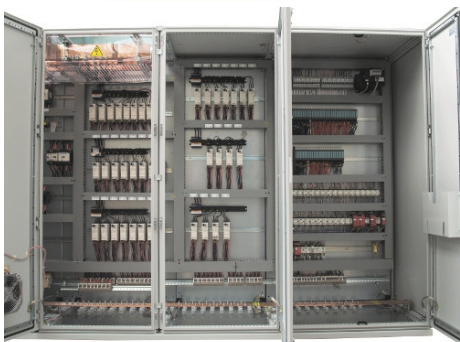
PERTECNICA ENGINEERING



ABOUT THE COURSE

THIS IS A CERTIFIED PETROLEUM, OIL & GAS ENGINEER TRAINING PROGRAM WITH 6 MONTHS INTERNSHIP & EXPERIENCE CERTIFICATE FOR ELECTRICAL ENGINEERS.

Pertecnica Engineering has launched Asia's best "Petroleum, Oil & Gas training program" It covers overall project development and operational philosophy, troubleshooting of projects. This is Job oriented course which makes students qualify for most of the jobs in Petroleum, Oil & Gas sector jobs in India, Gulf & Abroad, Our faculty are internationally certified & worked with world class companies



OUR TRAINING PROGRAM COVERS THE FOLLOWING AREAS

1. Oil & Gas Exploration
2. Production facilities
3. Power plants (Coal fired, Gas fired, CCPP)
4. Refineries & Petrochemical plant
5. Process Instrumentation (PLC, SCADA, DCS)
6. Plant Operations & Troubleshooting procedure
7. Plant safety (NEBOSH, OSHA)
8. Water treatment plants (Desalination, DM, ETP)
9. Electrical systems design, Selection criteria
10. Review of Single line drawings (SLD)
11. Selection of Motors, Industrial fans, Variable frequency drives, and Motor control centers
12. Circuit breaker selection, Relay selection, Transformers
13. Lightning, surge protection & Earthing
14. Generators
15. Switchgear, Substation
16. Transmission lines
17. Preparation Load Schedule, BOQ preparation
18. Electrical safety

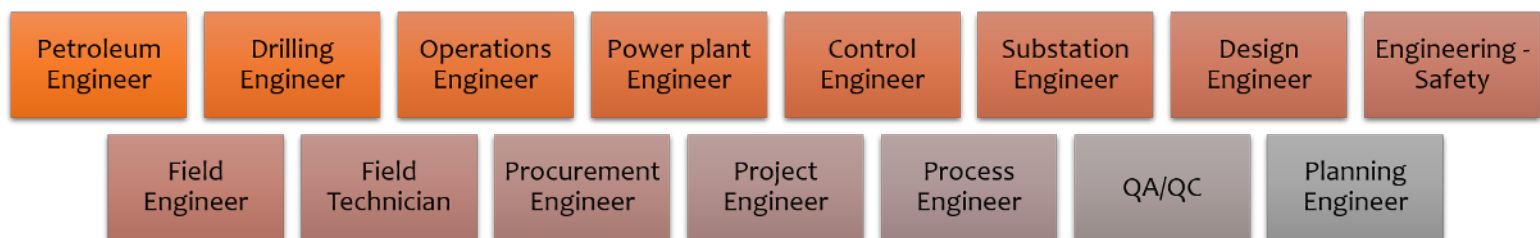


Duration: - This is a Six (6) months' program with case studies and project work.
Course fee: Rs. 60,000/-

CASE STUDIES

- 2 x 500 MW Coal fired power plant, Electrical systems, Switchyard
- 450mw Combined cycle power plant – Substation, Switchyard
- Substation (220KV, 132KV, 33KV, 11KV)
- Switchyard (400KV) – O &M Philosophy
- 375 ft Jack up Rig –Electrical systems
- Gas oil separation platform (Electrical Operations)
- 400 KV Transmission line
- Petrochemical refinery process flow drawings
- Refinery P & ID, Refinery operations
- Refinery – Electrical systems
- Safety on rigs, refinery, production platforms
- PLC, SCADA (Siemens) PROGRAMMING

JOBS ELIGIBLE



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