

100526-MEC-18MOS-E-2005
Operation & Maintenance Engineer

Holds a B. Sc. in Mechanical Power Engineering and has over 17 years experience working in maintenance, operation, commissioning and start-up at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 25/04/1983
Gender : Male
Marital Status : Married
Residence : Damietta

EDUCATION

: B. Sc. in Mechanical Power Engineering, Mansoura University, 2005

LANGUAGES

Arabic : Native Language
English : Fluent
French : Basics

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD

TRAINING COURSES AND CERTIFICATIONS

: Operating 135MW Siemens Gas Turbine V94.2, Damietta Combined Cycle Power Plant, EDEPC.
: Control Instruments of Gas Turbines and Boiler, Damietta Combined Cycle Power Plant, EDEPC.
: Construction tanks for LNG, PETROJET COMPANY (NEW DAMIETTA PORT) (1 month).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Dec. 2020 till now
Employer : East Delta Electricity Production Company (EDEPC)
Job title : Operation & Maintenance Engineer
Job Description :

- Train Senior Operators, Engineers and Supervisors within the control system to ensure adequate coverage and continuity of operation.

- Assess and interpret all standard displays including process graphics, maintenance alarm summary, and system diagnostics.
- Start, stop and make compensating changes to equipment following standardized procedures determined from panel readings, field information, laboratory reports if needed, alarm systems, and related engineering instruction.

Dates : From Jun. 2010 till Nov. 2020

Employer : Kharafi National

Project : SHUAIBA NORTH POWER AND DISILLATION PLANT, Kuwait:

- DCS CONTROL (OVATION).
- 3 GE GAS TURBINES 215MW, FRAME 9FE, CONTROL MARK 6.
- 3 HRSG EACH ONE 350 T/H HYUNDAI, ONE STEAM TURBINE 215MW TOSHAUBA, CONTROL TOSMAP.
- DISTILLATION PLANT CONTAINS: DCS CONTROL (OVATION), 3 DISTILLERS (MSF) 15 MIG EACH UNIT, RECARBONATION PLANT.

Job title : Shift Charge Engineer

Job Description :

- 10 years of industry experience in the field of Water Treatment / MSF / MED / RO or Power Plant.
- Effective liaison with owner and off taker over plant operational issues.
- Make decisions, or assist others to make decisions, to resolve plant operational problems with immediate, medium- and long-term consequences.
- Experience in SWRO commissioning and start-up will be preferred.
- Experience in GCC market.
- Ability to interpret PI&D and technical drawings.
- Knowledge of the different stages of complete SWRO process from Pre-Treatment to Reverse Osmosis desalination to potable water.
- Knowledge of critical parameters to be monitored at different stages of SWRO water production process.
- Possess authorization as Safety Controller with no Limit, Safety Coordinator, Designated Person for Plant & Apparatus including high voltage, Acceptor and Issuer as per the company's Operations and Maintenance Company safety rules.

Dates : From Apr. 2006 till Jun. 2010

Employer : East Delta Electricity Production Company (EDEPC)

Project : Damietta Combined Cycle Power Plant

Job title : Control Room Operator

Job Description :

- Start-up, shut-down and operate wells, process and utility systems, etc. through control panel (DCS, SSS, F&G) in control room to manage and meet the Company's objectives and production targets.
- Monitor, maintain and optimize process parameters (Level, flow, temperature, pressure) within operating requirements.
- Monitor and intervene with the arising alarm.

Field of experience : • More than 17 years' experience in the construction, commissioning, maintenance, start-up and operation of simple and combined cycle power stations and distillation power plants (RO & MSF).

- I work as Shift Charge Engineer of CCPS in Damietta, Egypt 1500MW for 5 years and 10 years in Kuwait CCPS with distillation plant MSF.
- I am working as a trainer on the process of the power stations.
- Also, I am working as a Mechanics lecturer on Moderby International website.