

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 13 years hands-on experience working in operation, commissioning and start-up.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 29/11/1981
Gender : Male
Marital Status : Married
Residence : Currently KSA

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Mansoura University, 2005

LANGUAGES

Arabic : Native Language
English : Very Good
French : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet

TRAINING COURSES AND CERTIFICATIONS

- : Operation of the steam power plants by USAID (4 weeks).
- : Maintenance of the steam boilers natural and circulation types (4 weeks).
- : Operation of the gas turbine and combined cycle.
- : Certificate of Completion in "OV010 Ovation Operator" course for version 3.5.1 at Emerson FZE Head Quarters, Dubai, UAE.
- : Fire protection Training Course.
- : Osha Application Electrical works.
- : Osha Application for Instruction and Industrial Application.
- : Summer trainings at:
 - Generation Power Station in Talkha.
 - El-Kureimat Power Plant 2x627MW.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Mar. 2016 till now
Employer : Rabigh Arabian Water & Electricity Company (RAWEC)/RPC (NOMAC)
Project : Rabigh IWSPP:

- 7x120MW Single Cylinders, Single Flow Extraction Exhaust Condensing Type (SC1F-25) Steam Turbines (MHI) and Generator (MELCO).
- 13 x 470 T/Hr Diesel and HSFO Fired outdoor single-drum natural circulation bottom supported type Water Tube Boiler (MHI).
- 24 x 503 m³/Hr Desalination Plant consists of 24 Reverse Osmosis Trains (Toyobo / Nitto Denko), DMF and MCF.

Job title : Control Room Operator
Job Description :

- Follow up the commissioning activities, performance test, load rejection test, swing load test with MHI as per EPC.
- Start-up and Shut down of Fuel Oil fired Boiler, Steam Turbine Generator and Balance of Plant from CCR and Local.
- Maintain Main Steam HHP, HP, MP, LP Steam header pressure and flow and temperature according to Petro Rabigh requirement.
- Monitor and visually inspect Plant Equipment and Equipment indicators to detect.
- Operation of Electrostatic precipitator.
- Operation of Flue Gas Desulphurization through lime stone and gypsum.
- Operation of Demineralization water plant.
- Operating problems and make adjustments or minor repairs as required.
- Certified and Authorize for the Isolation/De-Isolation of Equipment (LOTO).
- Logging of parameters of Turbine, Boiler and RO Treatment Plant Auxiliaries.
- Coordination for routine and special maintenance with other Concern Departments.
- Complete and Maintain Station records, Logs and Reports from field.
- Arrange and perform Fire Fighting Drills as per Schedule.

Dates : From Sep. 2006 till Mar. 2016
Employer : PGESCO (Power Generation Engineering and Service Company)
Project : El-Kureimat Thermal Power Plant (2x627MW)
Job title : Operation Engineer (Control Room MKV, HMI & Mark 6)
Job Description : Effectively operate the power generation unit from the control room at start-up, normal, shut down and up-normal operation condition including:

- Operation for boiler Babcock, capacity 2100 t/h, natural circulation, and the steam turbine (GE, 627MW, 811 KVA).
- Working at 11KV and 6.3KV switchgear.
- Operation of Natural Gas heavy fuel power plants and GE T/G with Mark V control.
- Natural circulation, natural gas/HFO fired B & W "El Paso" Design Boilers (2063 t/hr, 200bar).
- GE T/G with Mark V Control.
- Westinghouse WDPF II (DCS).
- Fisher HP/LP By Pass System.

- ABB electrical equipment.
- Operation of 220 and 500KV switchyard (GIS).
- Preparation of operation manual and operation procedure.
- Start-up and shutdown the unit in safe operation for the units (MSF capacity 2100t/h for each unit).
- Maneuvers for load centers, switchgear (6.3KV) and switchyard 500/220KV.
- 220KV, GIS (substation), switchgear 6.3KV, load center 400V, motor control center (MCC) and UPS system.
- H2/O2 generation plant.
- 50 t/h auxiliary boiler.
- Diesel generator 2x1.2MW.
- The auxiliary system (firefighting system, service cooling water system, demi water system, etc.).
- Issue the maintenance requests and follow up the executing work permits with maintenance team.
- Training the new staff.
- Writing operating and Periodic test Procedures and incidents reports and summarize feedback.

Dates : From Jun. 2006 till Sep. 2006
Employer : Kahromika
Job Description : Worked in transmission line, transformer, GIS Stations.

Dates : From Jan. 2006 till Jun. 2006
Employer : Beni Suef Company for insulation and packing
Job title : Production & Site Engineer

Field of experience :

- Control power-generating equipment which use fuel oil & natural gas.
- Read charts, meters, and gauges to monitor voltage and electricity flows.
- Check equipment and indicators to detect evidence of operating problems.
- Adjust controls to regulate the flow of power.
- Start or stop generators, turbines, and other equipment as necessary.
- Communication with Customer regarding Load variation, Synchronization, electrical bus change over.
- Operate BOP system via DCS or Mark 6 control system.