

Holds a B. Sc. in Mechanical Power Engineering and has over 9 years hands-on experience working in power plant operations.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 03/04/1983
Gender : Male
Marital Status : Married
Residence : Currently KSA

EDUCATION

: B. Sc. in Mechanical Power Engineering, Mansoura University, 2006
: Secondary Education: Manna Khalil High School

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

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

TRAINING COURSES AND CERTIFICATIONS

: Steam turbine operation (May 2008) in Egypt.
: Gas turbine operation (May/Jun. 2008) in Egypt.
: Amplissma program (Dec. 2009) in Egypt.
: Steam turbine operation (Feb. 2010) in Egypt.
: Gas turbine familiarization (SGT6-5000F) in Saudi Arabia (by Samsung) (Jun. 2013).
: Gas Turbine Operations (SGT6-5000F) in Saudi Arabia (by Samsung) (Jun. 2013).
: Combined Cycle familiarization & operations STG6-5000F (5) / SST6-400 in Saudi Arabia (by Samsung) (Jul. 2013).
: Qurayyah Project Sea water intake system (Aug. 2013) in Saudi Arabia (by Samsung).
: Qurayyah Project Chemical Feed system (Aug. 2013) in Saudi Arabia (by Samsung).

- : Qurayyah Project Waste Water system (Aug. 2013) in Saudi Arabia (by Samsung).
- : Qurayyah Project HRSG system (Sep. 2013) in Saudi Arabia (by Samsung).
- : Qurayyah Project Vibration Monitoring system (Sep. 2013) in Saudi Arabia (by Samsung).
- : Demineralization Desalination system (Sep. 2013) in Saudi Arabia (by Samsung).
- : Fuel Gas Compressor Operational Training T.375-386 (Mar. 2014) in Saudi Arabia (by Atlas Copco).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From May 2013 till now
- Employer** : NOMAC
- Project** : QIPP (Qurayyah Independent Power Plant) 4000MW – KSA
(consists of 12 GTG, 12 HRSG and 6 STG)
- Job title** : Operator
- Job Description** :
- Operation and monitoring performance of two gas turbines (137MW, SIEMENS (SGT6-5000F)).
 - Good idea for maintenance and troubleshooting gas turbine Control system.
 - Make all normal operation starting, and shut-down program.
 - Troubleshooting analysis, preparing, collecting data with full details of control oil, trip oil, fuel gas, fuel oil, lubrication oil, lifting oil, start-up shut down comp, purge air comp and ignition gas cycles for units.
 - Operation and monitoring for 220KV switchgear AEG system.
 - Operation and monitoring power plant auxiliaries:
 - 6 diesel generators.
 - 2 x 4 air compressors (instrument & service).
 - 2 Chiller systems (10 pumps & 8 cooling towers).
 - Fire fighting system (2 jockey, 2 electrical, 2 diesel pumps).
 - Water intake system (12 circulate, 4 electronation, 4 screen wash pumps, 12 travelling screens, 12 bar screen).
 - Gas area (13 gas compressors, 7 dew point heaters, 2 scrubbers, 2 separators, 7 pressure regulator valves).
 - Demi water closed cooling, service water systems.
 - Electro chlorination system (4 ECP, 4 hypo generators, 5 continues dosing, 3 chock dosing pumps, 2 delution fans).
 - Work on 2 HRSG boiler, each one consists of HP, LP & KETTLE BOILER:
 - HP (330 ton/hr, 76 bar, 550 c).
 - LP (40 ton/hr, 6 bar, 40 c).
 - Work as Senior Operator and Supervisor for steam turbine (140MW, Samsung (SST6-400)).
- Dates** : From Dec. 2007 till May 2013
- Employer** : East Delta Electricity Production Company (EDEPC)
- Project** : Damietta Combined Cycle Power Plant
- Job title** : Gas Turbine & Steam Turbine Operation Engineer (SIEMENS V 94.2)

- Job Description** :
- Responsible for Damietta Combined Cycle Power Plant.
 - Monitor and check the assigned plant to identify abnormalities and report the deviations in order to initiate necessary corrective action.
 - Monitoring of the daily activities of the plant.
 - Initiates routine operational activities.
 - Preparation of Checklists and log sheets.
 - Preparation and implementation of various standard operating procedures.
 - Responsible for the safety of employees and equipment.
 - Periodical shutdown planning and shutdown activities to reduce the Abnormalities in the equipment's.
 - Cold, warm and hot startups of plant along with steam turbine.
 - Preparing, issue and cancelation of permits during commissioning activities.
 - Following up mechanical isolations & ensuring safety measures during activities.
 - Coordinate and gives instruction to Field Operators.
 - Initiate preparation of shift production report and other plant-routine related reports.
 - Perform other duties as assigned relevant to operation of the plant.
 - Manpower Handling and ensuring the safe operating procedures.
 - Reducing accidents and incidents by predicting and rectifying the risk areas.
 - Perform the assigned tasks related to implementation of safety rules.
 - Proper implementation rules during the PTW system.
 - Operation and monitoring performance of two combustion chamber gas turbine as per the standard operating procedures.
 - Good idea for maintenance and troubleshooting gas turbine Control system.
 - Make all normal operation starting, and shut-down program.
 - Trouble shooting analysis, preparing, collecting data with full details of control oil, trip oil, fuel gas, fuel oil, lubrication oil, lifting oil and ignition gas cycles for unit.
 - Operation and monitoring for 220KV switch gear AEG system.
 - Operation and monitoring power plant auxiliaries (diesel, compressors, chillers, fire fighting system, water intake).
 - Work as Senior Operator and Supervisor for 2 HRSG boilers (250 T/ h, BORS, BERLIN).
 - Work as Senior Operator and Supervisor for steam turbine (HP 65 bar, LP 4.5 bar) (140MW, ALSTHOM).
 - Work as a Shift Supervisor (about 1 year).
 - Work as a Shift Charge Engineer (about 2 years).

Employer : Daewoo and Hyundai Cars Maintenance Center

- Job Description** :
- Maintenance of cars (Daewoo and Hyundai).
 - Trading spare parts.