

Holds a B. Sc. in Mechanical Power Engineering and a Diploma in Thermal Power Station Engineering. Has over 5 years experience in construction and operation of Power Stations.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 10/10/1982
Marital Status : Married

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2006
: Diploma in Thermal Power Station Engineering, Alexandria University, 2011

LANGUAGES

Arabic : Native Language
English : Fluent
German : Fair

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD 2007
: Matlab
: Primavera P6
: EES (Engineering Equation Solver)
: Heatsim (thermal design simulator for heat exchangers and insulation calculations)

TRAINING COURSES AND CERTIFICATIONS

: On-site training in Steam Turbine installation and maintenance, Mitsubishi Heavy Industries (MHI), Jan./Feb. 2012.
: On-site training in Valves maintenance and troubleshooting, Jun. 2011,
: Piping design, fabrication and installation according to pressure piping code ASME B31.1, Jan. 2011.
: Training course from Abu Qir Training Center in High voltage Grid maneuvering, Dec. 2009.
: Training course from Abu Qir Training Center in Abnormal operation and generic malfunctions of power stations, Apr. 2008.

- : Training course from Abu Qir Training Center in Operation of Combined Cycle Power Station (Gas Turbine and Steam Turbines), Jul. 2007.
- : Training course from Industrial Modernization Center (IMC) in Vibration monitoring and analysis, Dec. 2006.
- : Training course from Industrial Modernization Center (IMC) in Pumps maintenance, Nov. 2006.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jan. 2010 till now
- Employer** : West Delta Electricity Production Co. (WDEPC)
- Project** : Abu Qir Thermal Power Station (1300MW):
 Consists of the following components:
- Two steam turbine generating units 650MW each.
 - Two dual fuel fired steam generators.
 - Desalination Plant: consists of 2 units using MED technology with capacity of 10,000 m³/day.
- Job title** : Mechanical Project Field Engineer
 (Owner Representative for mechanical equipment / pipe installation, contract package)
- Job Description** :
- Ensure assigned jobsite operations are in compliance with specifications, completed on schedule, within budget and to quality standards.
 - Provide technical and administrative direction to lead field engineer, construction engineers, coordinators and others, Jobsite contacts are with contractors, project management and any jobsite personnel assigned within area of responsibility.
 - Office contacts are with all levels of construction, engineering and other functional support groups.
 - Perform review of all mechanical/piping contract documents for construction.
 - Coordinate execution of the project construction.
 - Monitor contract package for the use of appropriate equipment, methods and resources and review construction progress against the execution plan/schedule to ensure progress as scheduled.
 - Review and sign mechanical/piping Field Engineering Daily Reports and material receiving reports.
 - Coordinate punch list activities for the issuance or Construction Completion and Taking Over and Acceptance Certificates.
 - Review quantities of work for monthly progress estimate for payment to contractors.
 - Ensure the effective implementation of the contractor(s) quality system at the site.
 - Attend/Conduct coordination meetings between contractor(s) as required.
 - Coordinate and monitor the implementation of the construction schedules.
 - Plan and implement procedures to ensure construction operations are continuously adhering to engineering designs, specifications, quality standards, schedules and budget.

- Ensure the Zero Accident Philosophy is incorporated into all aspects of construction operations. Actively participates in scheduled safety meetings.
- Review contractors invoices, technically and quantities take off.

Dates : From Dec. 2006 till Jan. 2010

Employer : West Delta Electricity Production Co. (WDEPC)

Project : Damanhour Combined Cycle Power Station (158MW):
4x25MW gas turbines GE frame 5 & steam turbine 58MW (GE) in combined cycle

Job title : Control Room Engineer

Job Description :

- Operate and control the plant using DCS systems BAILY (INFI90), ABB (PGP), GE Mark V.
- Operate the plant with operation team in all different operation moods:
 - Normal operation process (monitoring and check the main and auxiliary devices in plant such as steam and gas turbines and it's generators, main cooling pump, boiler's feeding and circulation pumps, lubrication systems, instrumentation air compressors, liquid fuel tanks and fuel treatment system, gas filter separator and pressure reduction station, water treatment plant, high voltage switchyard, main switch room.
 - Starting up and Shutdown process.
 - Abnormal operation and exceptional circumstances.