

Holds a B. Sc. in Mechanical Power Engineering and has over 6 years hands-on experience in construction, maintenance, operation, commissioning and start-up of Nubaria Power Station.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 24/12/1981
Marital Status : Married

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2004
: Currently studying for M. Sc. in Mechanical Power Engineering, Alexandria University, from 2009 till now

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Operation and maintenance of combined cycle, West Delta Electrical Production Company, Abu Qir, Dec. 2006.
- : Basic training on maintenance of GE Gas Turbine Frame (9FA), Nubaria, Apr./May 2009:
 - Introduction to the plant.
 - Gas turbine mechanical parts.
 - Electrical – and I&C parts.
- : Basic training on maintenance of ALSTOM Steam Turbine, Mannheim – Germany, Nov./Dec. 2009:
 - Introduction to the plant.
 - Steam turbine mechanical parts.
 - Electrical – and I&C parts.
- : Basic training on maintenance of ALSTOM Steam Turbine, Nubaria, from Mar. till May 2010:
 - Introduction to the plant.
 - Steam turbine mechanical parts:
 - Condenser.
 - Debris filter system.

- Condenser on load tube cleaning system.
 - Condenser & water box vacuum pump.
 - Steam turbine control valves.
- : Basic training on maintenance of INITEC mechanical equipment, Nubaria, Sep. 2009:
- Solar treatment plant.
 - Waste water treatment system.
 - Fire fighting & HVAC system.
 - Circulating, condensate, service, closed cooling pumps.
- : BTG Valve & Smartrak Maintenance & Calibration Training course, CCI, Nubaria Power Station, May 2010.
- : English courses (Toefl levels).
- : Training of Microsoft Office.
- : Training of programming language Visual Basic.
- : ICDL certificate.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Nov. 2010 till now
Project : NUBARIA Power Station 2250MW
Job title : Maintenance Engineer
Job Description :

- GE (General Electric) gas turbine 2 units (250MW for unit).
- Alstom steam turbine 1 unit (250MW).
- Mechanical equipment and auxiliaries.

Dates : From Oct. 2008 till Nov. 2010
Project : NUBARIA Power Station 2250MW
Job title : Construction, Commissioning & Start-up Engineer
Job Description :

- GE (General Electric) gas turbine 2 units (250MW for unit).
- Alstom steam turbine 1 unit (250MW).
- STF Heat Recovery Steam Generator (HRSG) 2 units.
- Mechanical equipment and auxiliaries.

Dates : From Sep. 2006 till Oct. 2008
Project : NUBARIA Power Station 2250MW
Job title : Operation Engineer
Job Description :

- Alstom Heat Recovery Steam Generator (HRSG) 4 units.
- Mechanical equipment and auxiliaries.

Summary of experience:

- Welding and NDT:
 - Review welding procedures specification, procedures qualification record and welders qualifications tests with different welding processes (SMAW, GMAW and SAW).
 - Witness for the, MT, RT, PT, Visual inspection in Pipe lines, turbines parts.

- Review all Piping Skids Fabrication / erection inspection, post weld heat treatment survey and diagram check, Pneumatic and hydrostatic tests.
- Inspection:
 - Review inspection check list for mechanical items (Turbines, Pumps, Valves, etc.).
 - Review dimensions check report for machining items (Turbines, Pumps, Valves, etc.).
 - Review QC Plan.
 - Review manufactures Data Book for Gas Turbines and Steam Turbines.
 - Review Final Documentation of Test Package for Piping & Turbines.
 - Punch List Preparation, Test Pack Review & Final Approval.
- Material Inspection:
 - Conduct receiving inspection of all materials, inspection is based on project specification and relevant standards such as ASTM, DIN.
 - Review and verifies all the relevant materials certification to assure its compliance is based on project specification and applicable standards.
- Piping:
 - Preparing and reviewing piping specifications in accordance with the general codes (good awareness of Bechtel Standards).
 - Preparing and reviewing Valves datasheets, Pumps, Vendor technical specifications to assure the compliance with the design and technical requirements.
 - Provide Piping Technical input To P&IDs including piping classes, valve types and special items.
 - Experience in using the following Codes & Standards such as ASME Sec. I, ASME Sec. II, ASME Sec. V, ASME B31.1, ASME B31.3.
- Field Experience:
 - Construction supervision on site activates combined cycle power plant including providing redesign solutions for the field Problems or changes.
 - Insuring implementation and adherence to project specifications and procedures.
 - Responsibility for monitoring piping construction and fabrication activities insuring quality and taking necessary actions to maintain satisfactory standards.
 - Preparing work packages with all design documentations and method statement for work permits approval.
 - Witnessing all field tests including hydro test and all NDT tests.
 - Reviewing all site work and prepare the punch list for the construction contractor.
- Maintenance Experience:
 - Working in gas turbine maintenance (preventive maintenance and overhaul maintenance).
 - Working in steam turbine maintenance (preventive maintenance and overhaul maintenance).

Key Skills:

- Follow up all site mechanical construction activities for the contract.
- Reviewing and revise all submittals with the contracts.
- Attend mechanical activity progress meetings and make sure that site activities are in line with project schedule.
- Review and approve MRR'S (Material Receiving Reports).
- Review and approve contractors' progress invoices.
- Attending commissioning activities for GE Gas Turbine, Alstom Steam Turbine, Alstom & STF Heat Recovery Steam Generator, fire fighting systems, all pumps.
- Attending chemical cleaning and steam blow activities.
- Receive, inspect and storage the spare parts.
- Preventive maintenance working of GE Gas Turbine and Alstom Steam Turbine.
- Minor Inspection working for GE Gas Turbine in Nubaria Power Station.
- Minor Inspection working for Siemens Gas Turbine in Nubaria Power Station.
- Hot Gas Path Inspection working for Siemens Gas Turbine in Nubaria Power Station.
- Hot Gas Path Inspection Working for GE Gas Turbine in Nubaria Power Station.
- Major Inspection working for GE Gas Turbine in Nubaria Power Station.
- Major Inspection working for Siemens Gas Turbine in Nubaria Power Station.
- Major Inspection working for Alstom Steam Turbine in Nubaria Power Station.