

Holds a B. Sc. in Mechanical Power Engineering and has about 7 years hands-on experience in commissioning, start-up and operation mainly of GE gas turbines, but also of STF HRSG boilers and ALSTOM steam turbine.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 10/04/1982
Marital Status : Married

EDUCATION

: B. Sc. in Mechanical Power Engineering, Menoufia University, 2004

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 operation on-site training of GE gas turbine (Frame 9FA), Nubaria, from Feb. till Apr. 2009.
- : Basic operation training of GE gas turbine (Frame 9FA), GE Energy Products Europe, Belfort – France, Jan. 2009.
- : Occupational Safety and Health Administration:
 - OSHA Construction Industry Safety & Health Standards (29 CRF 1926).
 - OSHA General Industry Safety & Health Standards (29 CRF 1910).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Feb. 2012 till now
Employer : Kharafi National Company
Project : West Damietta Power Station (500MW)
Job title : Commissioning & Start-up Gas Turbine Engineer for Combustion Turbine Generator (GE 9E)

- Dates** : From Dec. 2010 till Jan. 2012
- Employer** : Kharafi National Company
- Project** : El-Shabab Power Station (1000MW)
- Job title** : Commissioning & Start-up Gas Turbine Engineer for Combustion Turbine Generator (GE 9E)
- Job Description** :
- Supervise all pre-commissioning and commissioning activities.
 - Make sure all the pre-conditions for commissioning of individual units and overall plant are granted.
 - Make sure all the technical documents necessary for commissioning of different units are available with commissioning team.
 - Be aware of commissioning schedule of the site and accordingly divide the work through comm. team and allocate needed resources such as manpower and tools.
 - Make sure that all necessary tools and equipment for comm. are available with the team and calibration is already performed.
 - Check availability of suppliers commissioning supervisor in case they are required.
 - Make sure all systems are completed before taking over by comm. team and following up to remove the remaining open points through punch lists by installation team.
 - Commissioning check lists are to be completed and the critical records highlighted.
 - Receiving the systems from QC (Quality Control) and construction, then commissioning of mechanical systems, including: cooling water, lube oil, cooling and sealing, starting means, gas fuel, liquid fuel, heating and ventilation, air Intake, self cleaning and gas turbine operation. This requires thorough understanding and exercising of ultimate industrial safety practices.
 - Handover of the commissioned systems with the integrated rules.
 - Good knowledge of interfaces between different units by which will provide a correct sequence of commissioning activities.
 - Close connection with Health and Safety Executive (HSE) unit to make everybody aware of likely danger potentials of commissioning activities.
 - Plan all individual units and overall plant are handed over to client after completion of commissioning, the respective operation manuals and documents handed over and necessary training courses are held for client operation team enabling them to run the plant.
 - Supervise all acceptance tests of units.
 - Report to Site Manager.
 - Professional usage and operation of Control system Mark VIe.
 - Scheduling the procedure of different systems and maintain its order of function.
 - Motor heat-runs, system flushing, blow-out, chemical cleaning/restoration works.
 - Starting of the systems with data sheet references.
 - Work in partnership with GE english speaking specialists.
- Dates** : From Nov. 2009 till Nov. 2010
- Employer** : East Delta Electricity Production Co.

- Project** : Nubaria Combined Cycle Power Station Module III (750MW):
2 gas turbines GE 9FA & 2 STF HRSGs and 1 steam turbine ALSTOM
- Job title** : Shift Engineer
- Dates** : From Jan. 2008 till Oct. 2009
- Employer** : East Delta Electricity Production Co.
- Project** : Nubaria Combined Cycle Power Station Module III (750MW):
2 gas turbines GE 9FA & 2 STF HRSGs and 1 steam turbine ALSTOM
- Job title** : Gas Turbine Field Engineer
- Job Description** :
 - Commissioning & start-up and operation of Gas Turbine GE 9FA.
 - Commissioning & start-up and operation of STF HRSG boilers and cleaning of pipes by steam blow.
 - Commissioning & start-up and operation of ALSTOM steam turbine.
 - Commissioning and start-up for related auxiliaries for Nubaria module III, such as:
 - Circulating water system.
 - Closed cooling.
 - Service water system.
 - Condensate system.
 - Feed water pumps (high pressure, low pressure).
 - Tube cleaning system.
 - Debris filter.
 - Condenser vacuum pump.
 - Water box vacuum pump.
- Dates** : From Jan. 2006 till Dec. 2007
- Employer** : East Delta Electricity Production Co.
- Project** : Nubaria Combined Cycle Power Station Module I & II (2x750MW):
4 gas turbines Siemens V94.3A, 4 Alstom HRSGs and 2 steam turbines Mitsubishi
- Job title** : Field Engineer
- Job Description** :
 - Commissioning and start-up of liquid fuel.
 - Operation Engineer of Combustion Turbine Generator (Siemens V94.3A).