

Holds a B. Sc. in Mechanical Production & Design Engineering and has about 14 years hands-on experience working in power plant construction, maintenance, operation, commissioning and start-up.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/02/1981
Gender : Male
Marital Status : Married
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Mechanical Production & Design Engineering, El-Minia University, 2003

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel), Internet
: EMPAC Program

TRAINING COURSES AND CERTIFICATIONS

- : General Electric Company (4 weeks in USA) (250MW Power Station) (Mar. 2008):
 - Gas turbine – Generator operations program.
 - NETDAHS Basic training.
- : Bechtel Company (4 months at Shoubra El-Kheima Training Center) (2005): Basics and site-specific training course constituting a program of concentrated study of power plant equipment and system theory and application.
- : Bechtel Company (1 week at Shoubra El-Kheima Training Center) (Sep. 2005): Operation in Black Start.
- : Advanced courses in the operating and mechanical maintenance of combined cycle (Frame 9001EA - Mark IV, DCIS).
- : Gas turbine generator operation program (Frame 9001FA – 250MW) controlled by Mark VI, General Electric Company for six weeks in El-Kureimat III Combined Cycle Power Station in the site.
- : EHS & Safety training.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From May 2016 till now
Employer : Orascom Construction
Project : New Capital Power Plant 4800MW, Egypt
Job title : Lead Mechanical Advisor
Job Description :

- Review all P&ID, General arrangement drawings, all engineering documents and Erection methods of statement for all plant equipment, and Provide technical instruction and assistance for construction and commissioning team for GTGs & STGs.
- The project content the following system:
 - 8 Siemens Combustion Turbine Generators (CTGs) Frame (H), Gas Fired Turbine Generator Equipment Package with all required Balance of Plant System.
 - 8 Heat Recovery Steam Generators (HRSGs).
 - 4 Condensers with ACC system & all required Balance of Plant System.
 - 4 Siemens STGs with all required Balance of Plant System.
 - Power Block (Gas Turbine, Generator, HRSGs, STGs and Auxiliaries).

Dates : From Oct. 2011 till Apr. 2016
Employer : General Electric Energy International INC, GE (O&M)
Project : Sabiya CCGT Power Plant – Kuwait (2300MW)
(6 Gas turbines GE Frame 9FA (6x250MW), 6 HRSG by HYUNDAI HEAVY INDUSTRIES Company (HP, RH IP AND LP), 3 steam turbines GE D11 3x270MW and 6 gas compressors controlled by DCS & Mark VIe)
Job title : Lead Mechanical Technical Advisor
Job Description :

- Review all, P&IDs, all engineering document, Provide technical instruction and assistance regarding installation, commissioning and operation.
- The project content Three Blocks each block content 2 GTG GE frame 9 FA + 2 HRSG + 3 STG GE D11 and BOP.
- Follow installation procedure such as Red flag, PAC cases and TOP.
- Commissioning activities & warranty process.
- Four Emergency diesel generator installation and other Auxiliaries.
- Start-up, Shutdown & safe operation for all turbines.

Dates : From Aug. 2009 till Oct. 2011
Employer : Kharafi National
Project : Shuaiba Power Plant Project, Shuaiba, Kuwait
Job title : Senior Mechanical Engineer
Job Description :

- Review all design drawings, P&IDs, all engineering documents, and Erection methods of statement and all plant construction activities of the project - Three Gas turbines GE frame 9FA/3 HRSG / 1 STG Toshiba) and all BOP equipment.
- Pre-commissioning, commissioning & operation activities.

Dates : From May 2008 till Aug. 2009
Employer : Arabian BEMCO Contracting Company
Project : PP9, Riyadh – KSA
Job title : Mechanical Commissioning Engineer
Job Description :

- Review all design drawings, P&ID, all engineering documents and follow construction methods of statement for all plant equipment and all plant commissioning activities of the project for 22 gas turbines GE - MS 7001EA & their Auxiliary.
- Commissioning and start.up of turbine generator and their auxiliaries.
- Erection and maintenance of Emergency diesel generator.
- Start-up, Shutdown & safe operation for all turbines.

Dates : From Nov. 2006 till Apr. 2008
Employer : Upper Egypt Electricity Production Company
Project : El-Kureimat III Combined Cycle Power Station
Job title : Mechanical Construction & Commissioning Engineer
Job Description :

- Review all design drawings, P&ID, all engineering documents and follow up Shipment of Material tracking, lifting plan and Erection methods of statement for all plant equipment and all plant construction activities of the project for two gas turbines GE - MS 9001FA & their Auxiliary & Steam turbine Alstom 250MW.
- Commissioning and start-up of turbine generator and their auxiliaries.
- Erection and maintenance of Emergency diesel generator.

Dates : From Dec. 2003 till Oct. 2006
Employer : Cairo Electricity Production Company
Project : Cairo South Combined Cycle Power Station
Job Description :

- Mechanical Maintenance Engineer for 3 Gas turbines GE - MS 9001EA.
- Combustion inspection CI & major inspection.
- Steam Turbine (1x60MW) Westinghouse.
- One heat recovery steam generator.
- HVAC for Switchgear & electrical control room & central control room.