

Holds a B. Sc. in Electrical Power Engineering and has about 12 years hands-on experience working in construction, operation, maintenance and commissioning of Power Stations.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 06/06/1977
Gender : Male
Marital Status : Married
Residence : Damanhour

EDUCATION

: B. Sc. in Electrical Power Engineering, Alexandria University, 2001

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: Linux
: Matlab
: AutoCAD

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Dec. 2009 till now
Employer : Egypt Electricity Co.
Project : Damanhour Combined Cycle Station (158MW):
4 gas turbines x 25MW + Steam turbine 58MW
Job title : Instrumentation Maintenance Engineer
Job Description :

- GE Gas turbine frame 5 with Mark II.
- GE Steam turbine with Speedtronic Mark V Turbine Control with Turbine Auxiliaries.
- DCS Infi-90 Elsig Bialely with (PGP) modification from ABB for combined cycle power generation station including 4 HRSG (Manufacturer: NEM).
- Participate in retrofit for Mark II to ABB 800XA for 2 units.

Dates : From May 2007 till Apr. 2009
Employer : AL TOUKHI Co. for Industry & Trading – KSA
Job title : Site Engineer
Job Description :

- Construction Gas Turbine Engineer in JAZAN Power Plant Extension Project:
 - Installation of 7 G.E. gas turbines frame 7EA with auxiliaries including all instrumentation devices installation and participated in commissioning and start-up for Mark VI and also for DCS Mark VIe.
- Construction Gas Turbine Engineer in FARAS P/P GENERATION EXP Project:
 - Installation of 4 G.E. gas turbines frame 7F with auxiliaries including all instrumentation devices installation and participated in commissioning and start-up for Mark VI and also for DCS Mark VIe and attending FAT (Factory acceptance test) in El Khobar.
- Commissioning Gas Turbine Mark VI & DCS Mark VIe Engineer in JAZAN Power Plant Extension Project & FARAS P/P GENERATION EXP:
 - Overseeing the contractors' commissioning which will need coordinating with mechanical, instrumentation and control systems disciplines within the contractors' start-up organization and between contractors to complete all required testing from component level through integrated operation with the rest of the facility.
 - Review and provide input to contractors' preparation of system testing and turnover documentation including scoped documents, test records, test procedures and other similar required documents.
 - Supervise and direct contractor personnel as required supporting commissioning activities.
 - Report and document subcontractor work activities on a daily basis. Coordinate with supplier Technical Assistants to complete commissioning of vendor supplied equipment.
 - Witness pre-commissioning & commissioning tests.
 - Participate in system turnover walk downs for both constructions and client turnovers, initiate, track and resolve punch list items for assigned areas of responsibility.
 - Work hours as required, including shift-work, overtime, weekends and holidays as necessary to support the project.

Dates : From 2004 till May 2007
Employer : Egypt Electricity Co.
Project : Damanhour Combined Cycle Station (158MW):
4 gas turbines x 25MW + Steam turbine 58MW
Job title : Instrumentation Maintenance Engineer
Job Description :

- GE Gas turbine frame 5 with Mark II.
- GE Steam turbine with Speedtronic Mark V Turbine Control with Turbine Auxiliaries.
- Participate in retrofit for Mark II to Mark VIe.

- DCS Infi-90 Elsig Bialey with (PGP) modification from ABB for combined cycle power generation station including 4 HRSG (Manufacturer: NEM).

Dates : From 2002 till May 2004

Employer : Egypt Electricity Co.

Project : Damanhour Combined Cycle Station (158MW):
4 gas turbines x 25MW + Steam turbine 58MW

Job title : Operation Engineer

Job Description :

- DCS control system supervision of:
 - 4 HRSG (Manufacturer: NEM) Single pressure heat recovery.
 - Steam Turbine Auxiliaries.
- Operation and supervision of:
 - Steam turbine Manufacturer: GE Controls: Mark IV.
 - Gas turbines Manufacturer: GE frame 5 Mark II.
- Supervision of local operation, following up and troubleshooting of pumps, valves (electrical, hydraulic and pneumatic) and tanks.
- All electrical settings, Generators / grid including all transformers, breakers and batteries operation.
- Electrical Maneuvers including in the switchyard 220KV, gas turbine switchgear and Combined Cycle switchgear. Maneuvers include connecting and disconnecting circuits, Isolating of bus bars, changeovers and cleaning up for Isolators.
- Supervision of local operation of the Fire Fighting System for the entire plant (Deluge System for Transformers, Foam Suppression System for fuel tanks, Manual Open Sprinkler System for hydraulic and lubrication oil tanks in the combined cycle and CO2 Suppression system for gas turbines).
- Supervision of local operation of natural gas: Receiving tank, filters, pipelines and valves.
- Preparation and supervision of Work Permits including revising working cautions, dangers analysis and Safety cautions.

Field of experience :

- Gas and Steam Turbine (Combined Cycle Station) Maintenance Engineer.
- Construction and Commissioning Instrumentation Gas Turbine Engineer.
- Senior Shift Engineer in M.W. Production Power Plants.