

Holds a B. Sc. in Mechanical Power Engineering and has about 22 years' experience in maintenance, operation, commissioning and start-up at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 18/10/1975
Gender : Male
Marital Status : Married

EDUCATION

: B. Sc. in Mechanical Power Engineering, Suez Canal University, 2000

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Training courses certified from EDEPC, Damietta Combined Cycle Power Plant:
 - Operating GIS SF6 66KV AEG Switchgear.
 - Operating GIS SF6 220KV AFG Switchgear.
 - Operating 135MW Siemens Gas Turbine V94.2.
 - Operating 250 T/H Borsg boiler.
 - Control Instruments of Gas Turbines and Boiler.
 - Electricity maintenance.
- : Training courses at East Delta Electricity Company, Damietta Combined Cycle Power Plant (1230MW) (2 weeks):
 - Gas Turbine.
 - Natural Gas Engine.
- : Training courses at Shipyard and Locomotives department (Suez Canal Organization, Port Said), 2 months:
 - Diesel Engine.
 - Gasoline Engine.
- : Experience certificate form Egyptian Air Force in operation and maintenance of Diesel Engine generator.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2019 till now
Employer : East Delta Electricity Production Company
Project : West Damietta Combined Cycle Power Plant (1500MW):

- GT GE MS9001E 8x126.1MW.
- STG GE 270T949 1x266.9MW.
- STG Ansaldo Energia 1x267MW.

Job title : Mechanical General Manager
Job Description :

- All maintenance activities (Predictive, Preventive, Corrective).
- All inspections (for STG warranty inspection, Visual inspections, Borescope inspection).
- All Maintenance of STG (Minor & Major).
- All Maintenance of GT (Combustion inspection, Hot Gas Path & Major).
- Monitoring and preparing the spare part required for routine and major maintenance.
- Department Management, Reporting for Sector president.

Dates : From Apr. 2014 till Jan. 2019
Employer : Arabian Bemco Contracting Company
Project : PP10 Combined Cycle Project (3500MW), Al-Kharj Road, Riyadh, KSA:

- GT GE PG7121EA 40x55MW.
- HRSG NEM 40 UNITS.
- STG GE 270T 10x130MW.

Job title : Zone Commissioning & Start-up Manager

Dates : From Nov. 2012 till Apr. 2014
Employer : Arabian Bemco Contracting Company
Project : AL-QURAYYAH CCPP (4000MW), Eastern Region, KSA:

- GT GE 7241FA 16x168.3MW.
- HRSG DOOSAN 16 UNITS.
- STG GE TC2F 6x263.6MW.
- MSF (distillate production of 4000 m3/day) 3 UNITS

Job title : Lead Operation Engineer

Dates : From Jun. 2012 till Nov. 2012
Employer : [EGYPTROL](http://www.egyptrol.com) / Ansaldo Energia
Project : 6th October Power Plant (GT AE V 94.2 4x150MW)
Job title : Senior Mechanical Commissioning & Start-up Engineer

Dates : From Apr. 2011 till May 2012
Employer : Kharafi National
Project : Al-Shabab Power Plant:

- GE GT MS9001EA 8x125MW.
- RO & Waste Water Plant.

Job title : Senior Mechanical Commissioning & Start-up Engineer

Dates : From May 2010 till Apr. 2011
Employer : Kharafi National
Project : Shuaiba North Co-generation (Power & Distillation) Plant – KUWAIT
Job title : Senior Mechanical Commissioning & Start-up Engineer
Job Description : The plant consists of the following configuration:

- Three GE 9131FA gas turbine generators, with dual fuel firing capability & evaporative cooler.
- Three natural circulation type HRSGs, Hyundai (3x352 t/h) Integral type deaerator installed on each HRSG.
- Three bypass stacks with diverter dampers.
- One back pressure steam turbine, Toshiba (215.7MW).
- Two x 50% HP/LP bypass systems to supply LP process to desalination plant.
- One turbine bypass system to dump the HP steam to dump condenser.
- One x 100% HP/IP bypass system to supply IP process steam to desalination plant.
- One start-up bypass system to support the start-up of subsequent HRSG unit to running the combined cycle operation.
- One dump condenser.
- Three MSF type distillation units of each 15 MIGPD capacity.
- Three x 50% condensate extraction pump for dump condenser.
- Two x 100% feed water pump for each HRSG.
- Four gas compressors Atlas Copco.

Dates : From 2004 till 2009
Employer : East Delta Electricity Production Company (EDEPC)
Project : Damietta Combined Cycle Power Plant (1230MW)
Job title : Operation Shift Charge Engineer / Assistant Shift Charge Engineer
Job Description :

- Engineers & Technicians training.
- DCS operating & monitoring steam turbine 140MW (ALSTOM).
- DCS operating & monitoring 2 HRSG, 250 t/h (BORSG).
- Operating & monitoring plant auxiliaries (Diesel Gen., Air compressors, Air conditioning, firefighting, etc.).
- Operating & monitoring:
 - Two units of GAS Turbine V94.2 each one of them driving.
 - Electric Generator TLRI 135MW (Siemens V94.2).
 - Two Power Transformers 10.5KV/220KV, 152MVA Trafo-Union.
 - Four units of Air Compressor, Atlas-comp.
- Operating & monitoring GIS SF6 220KV Switchgear (AEG):
 - Switch yard contain connections of:
 - 9 Generator, 6 Transmission lines.
 - Control panels for these connections.
 - Protection system of transmission lines.

Dates : From 2001 till 2003
Employer : Egyptian Air Force
Job title : Power Team Leader (Egyptians & American)
Job Description :

- Operation & maintenance of WAUKSH, CATERPILLAR ALLIS-CH and power plant accessories (Compressors, Switchgear, protection system).

- Responsible for preventive maintenance activities for emergency diesel generator of previous names.
- In charge of plants:
 - Power Plant 6 MW/50 Hz operation & maintenance, work as shift.
 - Power Plant 9 MW/60 Hz operation & maintenance, work as shift.

- Field of experience :**
- Unit start-up and shutdown procedures.
 - Monitoring parameters.
 - Testing the equipments.
 - Isolation & de-isolation procedures.
 - Safety work permit system.
 - Follow up all day work and maintenance for any equipment.