

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

PERSONAL DATA

Nationality : Egyptian
Birth Date : 08/04/1974
Gender : Male
Marital Status : Married

EDUCATION

: B. Sc. in Mechanical Power Engineering, Mansoura University, 1999

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD 2D/3D
: VB.NET
: EES

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.
 - Mechanical maintenance.
 - Gas Turbine.
 - Natural Gas Engine.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Dec. 2021 till now
Employer : East Delta Electricity Production Company (EDEPC)
Project : Damietta Power Plant
(GE Frame 9E, 8x125MW, 8 x HRSG Doosan and 2 x STG GE D202)
Job title : Mechanical Engineer
Job Description :

- Preventive maintenance plan for equipment.
- Organizing and entering spare parts in warehouses.
- Making CI & HI & MI for gas turbine.

Dates : From Aug. 2018 till Apr. 2020
Employer : GE
Project : Assiut Power Plant
(GE Frame 9E, 8x125W, 8 x HRSG Doosan and 2 x STG GE D202)
Job title : Lead Operation Engineer
Job Description :

- Commissioning activity for HRSG and STG (line up, Pipe line air blowing and flushing).
- AUX Pumps and Motor Solo run and heat run Test.
- Lube oil flushing, Valve Tuning Steam Blowing.
- Water and steam quality achieved.
- STG First Rolling.
- STG Operation Tests.
- Reliability Test Run.
- Project handover to client.

Dates : From Dec. 2017 till Apr. 2018
Employer : [EGYPTROL](#), SIEMENS AG Subcontractor
Project : AZURA POWER PLANT – Nigeria (450MW) (SGT5-2000E)
Job title : Shift Charge Engineer
Job Description :

- Follow up GT Commissioning activity (Lube oil system flushing, Closed cooling system flushing, fuel gas line, line up all system, Breaker rack in and out, IGV Tuning, SFC Commissioning, Air intake system, SGT Operation tests).
- Reliability Test Run.
- Project handover to client.

Dates : From Apr. 2017 till Oct. 2017
Employer : [EGYPTROL](#), GE Energy Subcontractor
Projects : Port Said, Hurghada, Sharm El-Sheikh LM6000 Gas Turbine
Job title : Mechanical Commissioning Engineer
Job Description : BOP activity at RTR (gas compressor, air compressor, closed cooling system, firefighting, SWGR).

Dates : From Dec. 2016 till Apr. 2017
Employer : [EGYPTROL](#), SIEMENS AG Subcontractor
Project : AL BURULLUS POWER PLANT 4800MW

Job title : Mechanical Commissioning Engineer
Job Description :

- BOP system commissioning (MBR, MPR, Firefighting, air intake, IGV, exhaust systems).
- SGT first fire.

Dates : From May 2015 till Feb. 2016
Employer : [EGYPTROL](#), GE Energy Subcontractor
Project : Assiut Combined Cycle Power Plant (CCPP) 1500MW, Egypt (GE Frame 9E, 8x125MW)

Job title : Mechanical Commissioning Engineer
Job Description :

- Commissioning all system (lube oil flashing, closed cooling flashing, water injection, cooling and sealing, air intake and exhaust, fuel gas line, fuel oil line, solo run heat run test, ...etc.).
- GTs Operation tests.
- Reliability Test Run.

Dates : From Dec. 2013 till Apr. 2015
Employer : [EGYPTROL](#), SAMSUNG C&T Subcontractor
Project : Qurayyah Independent Power Project – KSA
(2 GT + 2 HRSG + 1 ST x 6 & 654.5MW FOR BLOCK, TOTAL 4000MW)

Job title : Shift Charge Engineer
Job Description :

- Follow up all commissioning activities for GT, STG, BOP and HRSG.
- GT First fire, Steam Blowing, STG first rolling, operation test.
- Reliability Test Run.
- Project handover to client.

Dates : From Dec. 2012 till Nov. 2013
Employer : East Delta Electricity Production Company (EDEPC)
Project : 500 (4x125MW) Simple Cycle Power Project GE GT MS-9001EA, Egypt
Job title : Mechanical Commissioning Engineer
Job Description :

- Fuel oil line Commissioning.
- Dry Low NOX (DLN) Combustion system gas turbine upgrade.
- Preventive maintenance plan for equipment.
- Organizing and entering spare parts in warehouses.

Dates : From Dec. 2011 till Nov. 2012
Employer : [EGYPTROL](#), ANSALDO ENERGIA Subcontractor
Project : 6th October Power Station (600MW)
Job title : Mechanical Commissioning Engineer
Job Description :

- Commissioning activity (Closed cooling, compressed air system, firefighting, SWGR).
- Reliability Test Run.

Dates : From Jan. 2010 till Nov. 2011
Employer : Kharafi National

- Project** : Shuaiba North Co-generation Power Plant – Kuwait
 Consists of:
- Three GE MS-9001FA, gas turbine generators, with dual fuel firing capability & evaporative cooler.
 - Three natural circulation type HRSGs, Hyundai (3 x 352 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 x 100% HP/IP bypass system to supply IP process steam to desalination plant.
 - One turbine bypass system to dump the HP steam to dump condenser.
 - 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.
- Job title** : Shift Charge Engineer
- Job Description** :
- Follow up all plant from DCS.
 - Start and stop activity.
 - Report all event to operation manager.
- Dates** : From 2001 till 2009
- Employer** : East Delta Electricity Production Company (EDEPC)
- Project** : Damietta Combined Cycle Power Plant (1230MW)
- Job title** : Operation Shift Charge Engineer
- Job Description** :
- 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.
 - HRSG 250T/h BORSG type.
 - Steam Turbine 136MW Alstom type.
 - GIS SF6 220KV Switchgear (AEG), Switchyard.