

Holds a B. Sc. in Mechanical Power Engineering and has about 17 years hands-on 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. 2017 till Apr. 2018
Employer : [EGYPTROL](#), Commissioning Subcontractor for SIEMENS
Project : AZURA POWER PLANT – Nigeria (450MW) (SGT5-2000E)
Job title : Shift Charge Engineer

Dates : From Apr. 2017 till Oct. 2017
Employer : [EGYPTROL](#), Commissioning Subcontractor for General Electric Inc. (GE)
Project : Port Said LM6000 Gas Turbine
Job title : Mechanical Commissioning Engineer

Dates : From Dec. 2016 till Apr. 2017
Employer : [EGYPTROL](#), Commissioning Subcontractor for SIEMENS
Project : AL BURULLUS POWER PLANT 4800MW
Job title : Mechanical Commissioning Engineer
Job Description : Commissioning & start-up.

Dates : From May 2015 till Feb. 2016
Employer : [EGYPTROL](#), Commissioning Subcontractor for General Electric Inc. (GE)
Project : Assiut Combined Cycle Power Plant (CCPP) 1500MW, Egypt (GE Frame 9E, 8x125MW)
Job title : Shift Charge Engineer
Job Description :

- Manage construction / completion activities and to ensure compliance with commissioning expectations.
- Provide technical assurance that construction activities are performed and completed to the required project standards in compliance with an approved completions database.
- Accept the mechanical completion of systems.
- Provide assurance through audit of the construction process through to mechanical completion.
- Provide supervision and guidance during the commissioning of discipline related activities.
- Lead a team of commissioning supervisors and technicians for the development and execution of pre-commissioning and commissioning activities.
- Act as the commissioning focal point for coordinating commissioning with the construction teams and project engineering disciplines.
- Review handover packages discipline site activities and handover package reviews and audits.
- Act as commissioning authority during commissioning.
- Provide detailed commissioning records including daily reports and shift handover notes.
- Ensure that commissioning activities are coordinated and managed with other commissioning engineers.
- Ensure that punch lists and engineering queries are closed out prior to handover to operations.
- Support the commissioning team leader in implementing the

commissioning certification and handover process and ensure that the commissioning team leader is kept informed on overall progress.

Dates : From Dec. 2013 till Apr. 2015
Employer : [EGYPTROL](#), Commissioning Subcontractor for SAMSUNG C&T
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 :

- 12x230MW Siemens STG PCC-5000F Gas Turbines (DCS T3000).
- 12 x 352 T/H HRSG (BHI Korea).
- 6x230MW Siemens STT 4000 Steam Turbine (T3000 operating) and 6 condensers.
- 13 Atlas Copco Gas Compressors 38 bars with 1 chromatographs system, 7 DPH Dew Point Heater, 2 units of Nitrogen generators, 8 Air compressors, 2 Groups of Chillers each one by 8 modules and 10 secondary pumps, Fire Fighting...etc.).
- Reverse Osmosis -3 trays- each one 250 ton/hr.
- Demineralization, waste water system, ECP (Electro chlorination plant).
- 6x2MW Diesel Generators.

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

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

- Coordinate the parties.
- Start-up and shutdown the units according the start-up curves.
- Test on completions.
- Analyze the problems and giving the solution.
- Training the client staff.
- Review all the reading for each unit.
- Preparing the unit program accordingly.

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

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.
 - Four units of Air Compressor, Atlas Co.
- Operating & monitoring GIS SF6 220KV Switchgear (AEG), Switchyard contain connections of:
 - 9 Generators, 6 Transmission lines.
 - Control panels for these connections.
 - Protection system of transmission lines.