

Holds a B. Sc. in Mechanical Power Engineering and has about 16 years hands-on experience working in operation, commissioning and start-up.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 21/03/1981
Gender : Male
Residence : Damietta

EDUCATION

: B. Sc. in Mechanical Power Engineering, Helwan University, 2006

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD 2D

TRAINING COURSES AND CERTIFICATIONS

- : Operating of 135MW Siemens Gas Turbine (V94.2), Certificates from DAMIETTA Power Plant.
- : Operating of 140MW steam turbine of Alstom Company.
- : Operating of 66/220KV (AEG) Switch Gear, Certificates from DAMIETTA Power Plant.
- : Operating of 260MW Siemens Gas Turbine (v94.3).
- : Training manual display screen equipment from DEWA.
- : Training (H S & E I) manual from DEWA.
- : Training at Spinning and Textile Factory (Steam boiler & air condition department).
- : Training at Damietta Company for container maintenance and repair Workshop department (vehicles & cranes).

CHRONOLOGICAL EXPERIENCE RECORD

- Employer** : Syndicate of Engineering
Job title : Director Manager
- Dates** : From 2017 till 2020
Employer : Orascom Construction
Project : New Capital Power Plant:
- 8 x Siemens Gas Turbine 400MW (SGT5-8000H).
 - 8 x NEM HRSG.
 - 4 x Siemens Steam Turbine 380MW.
- Job title** : Assistant Manager & Chief Commissioning Engineer (Maintenance & Operation)
- Job Description** :
- Installation for hydrogen generation plant equipment and interconnecting and hydro test piping.
 - Commissioning (Operation & Maintenance) for hydrogen generation plant with reliability tests.
 - Responsible for BOP equipment's (firefighting system, water treatment plant, compressed air system, service and Demi water pump station, HVAC systems) for doing pre-commissioning, commissioning activity, function tests and supervise the operation of all BOP equipment's.
 - Commissioning for water treatment plant, waste water treatment and sewage treatment plant (Flushing, Wet Commissioning, Process sequence check).
 - Responsible for follow up mechanical construction for all BOP equipment (pumps, compressors).
 - 8 x NEM HRSG & 4 x Siemens Steam Turbine 380MW.
 - 8 x Siemens Gas Turbine 400MW (SGT5-8000H).
- Dates** : From 2010 till 2017
Employer : DUBAI ELECTRICITY & WATER AUTHORITY (DEWA), DUBAI
Job Description :
- Gas turbine plant (6x120MW) model (MW-701D) Mitsubishi.
 - Gas turbine plant (3x150MW) model (V94.2) & (V94.3A) by SIEMENS.
 - 400KV switchgear (GIS).
 - Natural gas system including (pressure reducing station and primary & final filtration).
 - Fire fighting system including water (deluge) spray system, foam system and CO2 system.
 - In commissioning:
To ensure that all equipments are as in the contract by the following:
 - Performance and reliability tests.
 - On load and no load tests.
 - Operability of each part automatically and also manually.
 - Cold and hot run tests.
 - Turbine blades up gradation and modification (Si3D) by SIEMENS for model (V94.2).
 - Good knowledge of operation instructions by good reading of operation and maintenance manuals.
 - Good monitoring the circumstances of works every hour.
 - In case of Start-up & Shutdown that is very important that each

equipment in the field must be lined up properly by removing any mechanical or electrical isolations.

- Raising work orders through MAXIMO software & issuing line clearance for maintenance staff after proper isolations and normalizing the equipment before & after the work.

Dates : From 2007 till 2010
Employer : EAST DELTA ELECTRICITY PRODUCTION COMPANY
Project : DAMIETTA POWER STATION
Job Description :

- Worked as a Shift Charge Engineer for six gas turbines unit (135MW - KWU - (v 94.2) of Siemens).
- Make all normal operation starting shutdown programs troubleshooting fault.
- And operating and monitoring the G.T which contains: Lube oil system, control and trip system, air filtration system, atlas compressors, fuel gas & oil systems & frequency converter systems start-up and shut down program.
- Worked as Supervisor for Senior Operator and switchgear 220KV, A.E.G Company Substation 220/66KV and 66/11KV.

Dates : 2007
Employer : Cairo 3A Company at Damietta Port
Job title : Workshop Engineer
Job Description : Maintenance & Testing of the equipment within workshop.

Dates : 2006
Employer : Swiss Egyptian Tanking Company at Damietta Port
Job title : Site Installation Engineer
Job Description : Maintenance of Centrifugal Pump.