

Holds a B. Sc. in Mechanical Production Engineering and has over 10 years hands-on experience, mainly working in operation and start-up.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 21/05/1989
Gender : Male
Marital Status : Married
Residence : Mahmoudia

EDUCATION

: B. Sc. in Mechanical Production Engineering, Alexandria University, 2012

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD 2D & 3D
: Photoshop

TRAINING COURSES AND CERTIFICATIONS

: SPEEDTRONIC™ Opflex ETS with AutoTune MX Training by GE in Nubaria Power Plant (Aug. 2017).
: Components and operation of Combined Cycle Power Plants (CCPP) in Nubaria Power Plant.
: Steam Turbine operation training in Nubaria Power Plant (ALSTOM).
: HRSG Operation Training in Nubaria Power Plant (STF).
: Gas Turbine operation training in Nubaria Power Plant (GE 9001FA).
: Inventor 3D Certificate.
: Primavera Project Management (P6) Certificate.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2017 till now
Employer : Middle Delta Electricity Production Company (MDEPC)

Project : NUBARIA Power Plant Module III (750MW)
Job title : GE 9001FA Gas Turbine Operation & Start-up Engineer

Dates : From 2014 till 2017
Employer : Middle Delta Electricity Production Company (MDEPC)
Project : NUBARIA Power Plant Module III (750MW)
Job title : ALSTOM Steam Turbine Operation & Start-up Engineer

Dates : From Jan. 2013 till 2014
Employer : Middle Delta Electricity Production Company (MDEPC)
Project : NUBARIA Power Plant Module III (750MW):

- Two modules, each module consists of:
 - Two Siemens Combustion Gas Turbines 250MW type V94.3a.
 - Two ALSTOM Horizontal Type Heat Recovery Steam Generators (HRSG).
 - One Mitsubishi Steam Turbine 250MW type TC2F.
- One module consists of:
 - Two GE Gas Turbines CTG 250MW type MS9001 (9FA).
 - Two Horizontal Heat Recovery Steam Generators HRSG.
 - One Steam Turbine STG (HP, IP, LP) 250MW.
- 220KV Switchyard.
- 500KV Switchyard.
- Four tie transformers 500/220KV.
- Medium (6.3KV) and Low (400 V) Switchgears.
- Module Auxiliaries (Closed Cooling Water Pumps, Circulating Water Pumps, Service Water Pumps, Condensate Water Pumps, High/Intermediate Pressure HP/IP Boiler Feed Water Pumps, Low Pressure LP Boiler Feed Water Pumps, Transfer Water Pumps, Instrument Air Compressors, Service Air Compressors, Condenser Vacuum Pumps, Water Box Vacuum Pumps and other Auxiliaries).

Job title : STF Heat Recovery Steam Generator (HRSG) Operation Engineer

Dates : From Oct. 2012 till Feb. 2013
Employer : Middle Delta Electricity Production Company (MDEPC)
Project : BANHA Power Plant (750MW)
Job title : Technical Office Engineer

Field of experience :

- Commissioning, Start-up, Operation Engineer (GE gas turbine MS 9001FA).
- Commissioning, Start-up, Operation Engineer (STF HRSG).
- Commissioning, Start-up, Operation Engineer (ALSTOM STG).
- Steam Blowing for STF horizontal HRSG & Steam Piping.
- Attending Installation and Construction Steps to HRSG & Steam Turbine.
- Attending Combustion Inspection (CI), Hot Gas Path Inspection (HGP) and Major Inspection for (GE gas turbine MS 9001FA).
- Attending Modification of DLN from DLN 2+ to DLN 2.6+ (GE gas turbine).
- Attending Warranty Inspections & Major Inspection for ALSTOM STG.

- Check and Operating Field Equipment's (Valves, Pumps, Air Compressor, ...etc.).
- Operation of Medium voltage 6.3KV Switch Gear & High voltage 500KV Switch Yard.
- Follow work permit.
- Perform Periodical Test.
- Follow the dispatch load request.
- Follow operation specification.
- Start-up and Shut down of the Units.
- Operate the units even in case of abnormal operation.
- Speed to act in Trips.
- Dealing with the Systems on the automatic and manual modes.
- Analyze of all necessary information about local sites.
- Follow and deal with alarms in Central Control Room.
- Detect the diagnose malfunction of equipment and prepare for work orders.
- Review all mechanical and welding drawings & technical submittals.