

Holds a B. Sc. in Electrical Power & Machines Engineering and two Diplomas. Has over 11 years hands-on experience, including 10 years working in operation, commissioning, start-up and maintenance at Nubaria Power Station.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 24/08/1984
Gender : Male
Marital Status : Married
Residence : Gharbia

EDUCATION

- : B. Sc. in Electrical Power & Machines Engineering, Mansoura University, 2008
- : Diploma in power system, Shebin Elkom University, 2014
- : Diploma in electrical machine, Shebin Elkom University, 2016

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

- : Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : AutoCAD 2D from Mansoura University Computing Center.
- : Power and control circuits cubical cabins from Technology Competency Center.
- : English course from British Academy of computer science and language.
- : On-shore Training of Gas Turbine Siemens V94.3A each one produces 250MW, Nubaria (Apr. 2014).
- : On-shore Training of High and Medium Voltage (500KV/220KV/6.3KV), Nubaria (Aug. 2011).
- : On-shore Training of steam turbine Ansaldo produce 250MW, Banha (Jan. 2017).
- : Summer holiday training in Faculty of Engineering, Electrical Power Stations and Factories.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Aug. 2016 till now
Employer : Middle Delta Electricity Production Company (MDEPC)
Project : Nubaria Power Station (3x750MW)
Job title : Operating Engineer in steam turbine generator
Job Description :

- Estimate starting time for the idle generation units and follows prescribed start-up procedures to bring units on line at specified time.
- Monitoring and operating of Lube oil system, Seal oil system, Gland steam condenser, Condensate water pumps, Circulating water pumps, Vacuum pumps, Vacuum water box pumps, Hydraulic Bypass system, Services and Instrument compressors.
- Making Weekly test and Monthly tests for steam turbine.
- Read meters and records data at specified intervals in appropriate logs and computers.
- Immediately report malfunctioning equipment of abnormal meter readings / equipment performance to supervisor and Completes the appropriate records.
- Monitoring and operating the system.
- Coordinating between the Power Station, Substation and National Electricity Control Center (NECC).
- Operating of Live Line Insulator washing system (LLIW) for (500/220KV) switchyard.
- Alternating control system to DCS, NECC, control room or Alternating between bus bars when needed.
- Alternating between chargers and emergency when needed.
- Doing daily technical report about loads status.
- Isolating and connecting in service of any duty.
- Energizing transformers while commissioning.
- Discovering failure of any duty and coordinate with maintenance dept. for fixing.

Dates : From Apr. 2014 till Aug. 2016
Employer : Middle Delta Electricity Production Company (MDEPC)
Project : Nubaria Power Station (3x750MW)
Job title : Operating Engineer in Gas Turbine Generator
(Siemens gas turbine STG5 – 4000 F. V94.3A (4x250MW) / Siemens gas turbine STG5 - 2000 (4x160MW))
Job Description :

- Check and tighten the connection of fuel lines including leakage test before start.
- Check and observe the protection of auxiliaries such as vibration, temperature, pressures, hot and cold spots of blades.
- Observe the power transformer during the shift.
- Connect and disconnect the power plant transformers switch gears.
- Commissioning of inlet cooling of compressor (wet compression).

Dates : From Feb. 2012 till Apr. 2014
Employer : Middle Delta Electricity Production Company (MDEPC)
Project : Nubaria Power Station (3x750MW)

Job title : Main Operation Engineer in Alstom heat recovery steam generation

Dates : From Mar. 2011 till Feb. 2012

Employer : Middle Delta Electricity Production Company (MDEPC)

Project : Nubaria Power Station (3x750MW):

- Two modules, each module consists of:
 - Two Siemens CTG 250MW type V94.3A.
 - Two horizontal Alston HRSG.
 - One Mitsubishi STG 250MW (HP, IP, LP).
- 220KV Switchyard.
- 500KV Switchyard.
- Four tie transformers 500/220/11KV.

Job title : Main Operation Engineer in Control Room & Switch Yard 500/220KV

Job Description :

- Conventional Air Insulated Switchyard (AIS).
- Sumitomo Corporation CONISYS (Tokyo & Cairo) 500KV.
- ABB Corporation (Cairo) 220KV.
- Start-up and Shutdown of the Power Plant Units with SCADA System.
- Commissioning and Start-up of Gas Turbine after Overhauling.
- Connect and Disconnect of Power Plant Transformers, Medium, Low Voltage Switch Gears.
- Calculate the Performance of the Operating Units such as Steam and Gas Turbines.
- Perform as Witness of 4- Hot Gas Path Inspection, Minor Inspection, Major Inspection of V94.3A Siemens Gas Turbine.
- Perform and Commissioning of Power Plant Transformers around 310MVA.
- Perform of Power Plant Protection of Equipment such as Gas Turbine, Steam Turbine, Generators, Transformers, Transmission Line.

Dates : From Jun. 2009 till Mar. 2011

Employer : Dakahlia Poultry

Job title : Electrical Engineer

Job Description :

- Power system protection and motor protection.
- Soft starter and star delta connection and speed control.
- Background in diesel generator (caterpillar).
- Well motors.
- Power and control circuit.
- Test for medium voltage cable (megger test).