

Holds a B. Sc. in Electrical Power Engineering and a Diploma in power plants and electrical grid. Has more than 6 years hands-on experience working in operation, commissioning and start-up.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/02/1987
Gender : Male
Marital Status : Married
Residence : El-Behira

EDUCATION

: B. Sc. in Electrical Power Engineering, Tanta University, 2009
: Diploma in power plants and electrical grid

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: On-shore training of Combined Cycle (Gas turbine, HRSG and steam turbine) by simulator system, Nubaria.
: On-shore training of gas turbine Siemens v94.3A each one produces 250MW, Nubaria.
: On-shore training of steam turbine operation and maintenance by Mitsubishi Heavy Industries Company, Nubaria.
: On-shore training of ALSTOM HRSG, Nubaria.
: On-shore training of high and medium voltage (500KV / 220KV / 6.3KV), Nubaria.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jul. 2015 till now
Project : MAHMOUDIA POWER PLANT 320MW SIMPLE CYCLE
Job title : Operation Engineer

Job Description :

- Construction and testing to high and low voltage electrical equipments.
- How to train engineers and technicians everything about power plants.
- Commissioning, start-up and operation for ANSALDO ENERGY Gas Turbine Type (AE94.2).

Dates : From Jul. 2014 till Jul. 2015

Project : Nubaria Combined Cycle Power Station (Module 3 (750MW)):

One module consists of:

- Two GE Gas turbines (250MW)
- Mitsubishi steam turbine (250MW)
- Two STF HRSGs

Job title : Operation Engineer

Dates : From Jul. 2010 till Jul. 2014

Project : Nubaria Combined Cycle (2x750MW) Power Station:

- Two modules, each module consists of:
 - Two Gas Turbines SIEMENS types V94.3A / 250MW site rating, with GT Auxiliaries (Fuel gas and Fuel oil supply systems, Lube oil system, Hydraulic System, Compressed air system, Cooling system, Two HRSG Alstom horizontal type Purge /NOX water system).
 - Two HRSG Alstom horizontal type.
 - One Mitsubishi Steam Turbine.
- Switchyard ABB 220KV.
- 500KV switchyard JAPAN AG.
- Four Tie transformers ZTR type 500/220KV.
- Switchgear 6.3/400KV.
- Pump House By INITEC COMPANY (CP-118) for circulation & Service pump & Fire pump & Raw pump and Closed Cooling & High / Low Feed Water Pump.

Job title : Operation Engineer

Employer : Middle Delta Electricity Production Company (MDEPC)

Job title : Training Engineer

Job Description : Give training courses to engineers and technicians about the components of power plant and how to construct and operate the combined cycles (gas turbine – HRSG – steam turbine) and how to test the electrical equipments.

Field of experience :

- Construction and testing to high and low voltage electrical equipments.
- How to train engineers and technicians everything about power plants.
- Commissioning, start-up and operation for SIEMENS gas turbine.
- Commissioning, steam blow, start-up, operation for 4 HRSG (ALSTOM 800 T/H, HORIZONTAL, NATURAL CIRCULATION) (STF 10049-9-CP-105).
- Commissioning, start-up and operation for steam turbine (MITSUBISHI & ALSTOM 250MW).
- Commissioning, start-up and operation for GE Gas Turbine, having 4 hot gas path inspections maintenance & 4 minor inspections of gas turbine (Siemens V94.3A).

- Operation, maintenance qualifications of low voltage transformers, Distributors and transmission lines.
- Perform troubleshooting and documentation and assist in the resolution of problems discovered during the shift.
- Ensure safety compliance of self and others. Perform all work in compliance with safety handbook.
- Issue equipment clearance and work permits. Develop and implement plant operating procedures.
- Maintain working knowledge of electric control system and computers this knowledge is required to assess information and make changes to ensure safe, reliable operation.
- Ensure the maintenance of the plant operating history through timely completion of plant logs and required documentation.