

Holds a B. Sc. in Mechanical Power Engineering and has over 2 years hands-on experience in operation of Power Stations. Has knowledge of plant equipment and process. Has experience in Siemens 8000H Gas Turbines (400MW), Siemens 5000 HI-L Steam Turbine (400MW), NEM Triple Pressure vertical HRSG, and all BOP systems in combined cycle power plant, also in operation of high, medium and low voltage switchgears.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 20/06/1992
Gender : Male
Marital Status : Single
Residence : Alexandria

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2014

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Training at Talkha Power Plant Training Center: Training by Siemens instructors about Mechanical Basics, Electrical Basics, Gas Turbines (SGT-8000H), Steam Turbines (SST-5000) HI-L, Electrical and I&C, Water-Steam cycle, NEM HRSG, Hydrogen Cooled Generators (SGen5-2000H), Auxiliaries of GT, ST and Generators.
- : Erlangen, Germany Simulator Training Center:
 - Training on SSPA-T3000 Simulator.
 - Protection and Troubleshooting.
 - Start-up and shutdown of both simple cycle and combined cycle modes.
 - Responding to alarms and up-normal operation conditions.
- : Mülheim, Germany Training Center:
 - 2000H Hydrogen Cooled Generators.
 - SST5000 Steam Turbine.

- : Berlin, Germany Training Center:
 - 8000H Gas Turbines.
 - I&C Training.
 - Borescope Training.
- : Practical On-Site training by Siemens Commissioning personnel at El Burullus CCPP 4800MW about GT, ST, HRSG, Gas Compressors, BOP.
- : Kafr El-Sheikh Civil Defense Training Center: Fire Fighting Training.
- : First Aid Training.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From May 2016 till now
- Employer** : Egyptian Electricity Holding Company
- Project** : El-Burullus CCPP (4800MW)
 4 Modules, each Module consists of:
 - 2 x (400MW) SGT-8000H.
 - 2 x NEM Vertical Triple Pressure HRSG.
 - 1 x (400MW) SST-5000 (HP-IP-LP).
 - 3 x SGen5-2000H.
 - 1 x Condenser.
 - 1 x Cooling Tower.
- Job title** : Shift (Control Room / Field) Operator
- Job Description** :
 - SPPA T3000 DCS and Field Operator.
 - Monitoring the status of all plant systems on a continuous basis.
 - Responding to DCS alarms by taking appropriate actions.
 - GT Compressor wash (Offline and Online).
 - HRSG preparation (filling and draining).
 - Executing plant start-up and shut-down procedures.
 - Operating all of the electrical switchgear at High/Medium/Low voltages (Rack in/out).
 - Performing a daily basis walk down inspection, to guarantee a proper operation of the plant.
 - Applying the manufacturer operation manual to ensure the maximum life time of the plant.
 - Reading of P&ID's, SLD's and Protection Circuits.
 - Doing both Mechanical and Electrical Lock out Tag out activities during maintenance and outage time to ensure a safe environment for all maintenance team.