

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 16 years' experience working in operation, commissioning and start-up.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 01/09/1982  
Gender : Male  
Marital Status : Married  
Residence : Currently KSA

## EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Tanta University, 2006

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

- : On-shore training of ALSTOM (HRSG) operation.
- : On-shore training of steam turbine operation.
- : On-shore training of gas turbine Siemens v94.3A each one produces 250MW.
- : On-shore training of high and medium voltage (500KV / 220KV / 6.3KV).
- : Operation on-shore training of Alspa p320 distributed control system (DCS).

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Aug. 2022 till now  
**Employer** : Shanahan Engineering Co.  
**Project** : Riyadh Power Station PP13 1650MW – Saudi Arabia  
**Job title** : Lead Shift Charge Engineer, then Commissioning Engineer

**Dates** : From Mar. 2014 till Mar. 2022  
**Employer** : Saudi Electricity Company (SEC)  
**Project(s)** : Riyadh Power Station No 12 and 13 (PP12 2050MW & PP13 1650MW) – Saudi Arabia  
**Job title** : Lead Shift Charge Engineer  
**Job Description** :

- Lead and Manage shift activities for safe and efficient plant operation.
- Managing and reporting of operations data on daily, weekly and monthly basis.
- Attend the daily commissioning meeting to discuss and plane the activities.
- Ensure that operation procedures, policies and philosophy are applied appropriately to any given operational circumstance.
- Monitoring/correcting issues relevant to heat rate and efficiency.
- Preparation, Review and Implementation of standard & Emergency operating procedures.
- Coordinate with external bodies like the client and regional control center for power dispatch and switching operations on transmission lines.
- Coordinate with maintenance departments and prioritization of jobs to ensure safety and plant availability.
- Investigation and troubleshooting of operational problems.

**Dates** : From Mar. 2008 till Mar. 2014  
**Employer** : Middle Delta Electricity Production Company  
**Project** : Nubaria Combined Cycle (2x750MW) Power Station  
**Job title** : Turbine Operation Shift Charge / Site Engineer  
**Job Description** :

- Carry out all the required O&M activities as per manufacture recommendation.
- Assist Gas Turbine operation personnel on daily basis to achieve the optimum operating conditions for the Gas Turbines and keep the power station in the highest available Level of performance and operating conditions.
- Safe operation for GTG Siemens 250MW x 4 UNITS and all auxiliaries during the reliability period.
- Energizing of 500KV and 220KV switchyard.
- Switchgear 6.3KV and MCC 400 v for all plant auxiliaries.
- Responsible for daily report.

**Dates** : From Mar. 2007 till Mar. 2008  
**Employer** : Electro Tharwat for Trading and Contracting  
**Project** : Nubaria Power Station Construction (750MW Combined Cycle) (Module III)  
**Job title** : Electrical Construction Engineer for CP-117  
**Job Description** :

- Pulling cable.
- Install the transformers (GSU & UAT).
- Testing and commissioning for transformers.
- Install the switchgear (6.3KV & 400 V).
- Testing and commissioning for switchgear.

**Field of experience** :

- 16 years solid experience in different facets of Power Generation Plant industry in different positions.

- Strong understanding with different EPC philosophies in power generations.
- Well-exposed and experienced in the commissioning and operation of the following:
  - GE Frame 9FA (250MW) & 9E (120MW) & 7FA05 (210MW) Gas Turbine-Generator Units.
  - Siemens V94.3A (250MW) Gas Turbine-Generator Units.
  - Rotating Equipment Operation.
  - HRSG Operation for Alstom Horizontal HRSG & HRSG STF.
  - Mitsubishi Steam Turbine (250MW) and Alstom Steam Turbine (340MW).