

Holds B. Sc. and M. Sc. in Mechanical Engineering and has over 9 years' experience, including 7 years working in construction and operation at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 19/08/1991
Gender : Male
Marital Status : Married
Residence : Damanhour

EDUCATION

: B. Sc. in Mechanical Engineering, Alexandria University, 2013
: M. Sc. in Mechanical Engineering, Alexandria University, 2018

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: MATLAB and GUI
: AutoCAD and Inventor
: EES (Engineering Equation Solver)
: HAP (Hourly Analysis Program)
: Automation Studio
: Pipe Flow Expert

TRAINING COURSES AND CERTIFICATIONS

: 300MW and 65MW Steam Turbine (GE), Damanhour Power Station (from Jun. till Sep. 2010).
: Operation at 4 gas turbines (GE) each gas turbine generates 25MW, total 100MW with combined cycle which generate 58MW, Damanhour Power Station (from Jun. till Sep. 2011 and from Jun. till Sep. 2012).
: Maintenance of pumps, Company of water and sanitation (from Jun. till Aug. 2013).
: IELTS

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Feb. 2018 till now
Project : EI-Atf CAPP
Job title : Operation Engineer
Job Description :

- Control of 2x250MW Gas Turbine M 701F.
- Commissioning and start-up and shut down.
- Gas Compressors.
- 6KV Switch Gear.
- Transformers.
- Auxiliaries.
- HVAC System.
- Fire Fighting System.
- Safety and Permits for work.
- Adjust controls to generate specified electrical power, or to regulate the flow of power between generating stations and substations.
- Control and maintain auxiliary equipment, such as pumps, fans, compressors, condensers, feed water heaters, filters, and chlorinators, to supply water, fuel, lubricants, air, and auxiliary power.
- Control generator output to match the phase, frequency and voltage of electricity supplied to panels.

Dates : From Mar. 2016 till Feb. 2018
Employer : ELSEWEDY ELECTRIC (PSP)
Project : Beni Suef 4800MW CAPP
Job Description :

- Construction Engineer (Alignment) (from Mar. 2016 till Dec. 2017):
 - Gas Turbine Siemens SGT5-8000H (400MW).
 - Steam Turbine Siemens (400MW) KN-Type Series SST5-5000.
 - Generators.
 - All Skids and auxiliaries.
 - Condensate pumps and Feed water pumps.
 - All rotating equipment.
 - Polishing water plant system.
 - Steam Condenser.
 - Fuel Gas Skids.
 - Pre-commissioning.
- Project Engineer (from Dec. 2017 till Mar. 2018):
 - Study client's specifications carefully and clearly identify the tender scope of work.
 - Study the commercial conditions and ensure that there are no contractual risks.
 - Prepare a bid preparation plan and share it with all stakeholders.
 - Coordinate with different company's departments (i.e.: Engineering, Contracts, Planning, Quality ...etc.) if required.
 - Prepare RFQs and coordinate with suppliers.
 - Prepare final technical/commercial proposal according to the client's requirements.
 - Attend technical discussions with client, engineering and suppliers.
 - After the project is awarded, prepare RBI and handover the project to the Project Management team.

Dates : From Oct. 2015 till Mar. 2016
Employer : ELSEWEDY ELECTRIC (PSP)
Project : Mahmoudia 330MW Simple Cycle
Job title : Construction Engineer
Job Description :

- Mechanical Alignment and Installation of 2 x AE94.2 Ansaldo Gas Turbines with a total rated capacity of 330MW.
- Generators.
- All skids and auxiliaries.
- Pre-commissioning.

Dates : From Sep. 2013 till Sep. 2015
Employer : Alexandria University
Job title : Demonstrator
Job Description : Physics at department of engineering physics and mathematics and Mechanical power department subjects.