

Holds a B. Sc. in Mechanical Power Engineering and has more than 1 year hands-on experience working as Site Engineer at New Capital Power Plant.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/10/1993
Gender : Male
Marital Status : Single
Residence : Benha, Qalubia

EDUCATION

: B. Sc. in Mechanical Power Engineering, Benha University, 2016

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Hydraulic Systems Basic Industrial Applications.
- : Preparation of Leaders and Leadership Development.
- : General English Course, Intermediate Stage, Level 8 at AMIDEAST.
- : AutoCAD: Graphic Design and Computer-Aided Program (2D/3D).
- : Microsoft Office (MS Word - MS Excel - MS Power Point, ...etc.).
- : Lifting & rigging course.
- : Trainings at:
 - Suez Thermal Power Plant (1x650MW), GE (2015).
 - Giza North Power Plant (3x750MW), Kahromika (2014).
 - Giza North Power Plant (3x750MW), Kahromika (2013).
 - El-Qattamia Military Airport (Apache), PSP - Elsewedy (2012).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Dec. 2016 till now
Employer : ORASCOM Construction

- Project** : New Capital Power Plant 4800MW:
- This project consists of the design; engineering; fabrication; delivery of materials and equipment; erection; testing; commissioning; start-up; and putting into service the New Capital Combined Cycle Power Plant with total capacity of 4,800MW at ISO condition. Orascom Construction's scope includes carrying out all the engineering, procurement, construction (EPC), start-up and commissioning works for the balance of plant. In addition, Orascom is responsible for all the civil and erection works for the project, which is a partnership in consortium with Siemens.
 - Eight (8) Siemens Combustion Turbine Generators (CTGs) Frame (H), Gas Fired Turbine Generator Equipment Package with all required Balance of Plant Systems.
 - Eight (8) Heat Recovery Steam Generators (HRSGs) NEM, Benson type with all required balance of plant systems.
 - Four (4) Siemens Steam Turbine Generators (STGs) with all required balance of plant systems.
 - Four (4) Air Cooled Condensers (ACC) with all required Balance of Plant Systems.
 - The Plant utilizes Seawater as its Raw Water Source. The Plant is planned to be operated by Fuel Gas only. Two CTGs have the Capability to run on Light Fuel Oil. Power generated will be stepped up through main Transformers and fed to the Utility 500KV Grid, via a Gas-insulated Switchgear (GIS) Switchyard.
- Job title** : Junior Site Engineer
- Job Description** :
- Over Head Cranes erection. About 20 over head crane with different capacities (4 cranes with capacity of 200 ton to serve Gas Turbine buildings / 4 cranes with capacity of 140 ton to serve Steam Turbine buildings with their Generators / 4 cranes with capacity of 10 tons to serve skids area in each module/ 8 cranes with capacity of 12.5 ton to serve 8 gas turbine Generators.
 - Floating responsibilities for the most critical lines in the plant (the main steam line, hot reheat and cold reheat lines and feed water line) which in turn gives a good experience in pipe supports and its load distribution.
 - An active member from the test package center (The joint union between the two companies executing the project) that was responsible for handling all deficiencies in piping scope which in turn give a good experience in facing piping problems with a very qualified team from the consortium. And also a good experience in realistic future planning.
 - Piping installation with very high productivity/ hydro test prepares and review test package and review of Piping & Instrumentation Diagram (P&ID).