

Holds a B. Sc. in Mechanical Power Engineering and has over 8 years hands-on experience working in construction, maintenance, operation, commissioning and start-up.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 08/10/1988
Gender : Male
Marital Status : Married
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Mechanical Power Engineering, Ain Shams University, 2011

LANGUAGES

Arabic : Native Language
English : Very Good
German : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD (2D)
: Solid Works
: Primavera P6
: Engineering Equations Solver (EES)

TRAINING COURSES AND CERTIFICATIONS

: Steam turbine and generator with auxiliaries off-shore training (160 hours), Training Center, Doosan Heavy Industries and Construction (Jul. 2019).
: Periodic maintenance and control philosophy of intake travelling screen system, TARNOS Company at Cairo West Supercritical Power Plant 1x650MW (Oct. 2020).
: BHGE Safety Valves System Course, AC Boilers Company at Cairo West Supercritical Power Plant 1x650MW (Mar. 2021).
: Overhauling and periodic maintenance of Boiler Feedwater Pumps, Cairo Electricity Production Company Training Center (Sep. 2018).

- : Concentrated study of power plant equipment and systems theory and application, Shoubra El-Kheima Power Plant Training Center (Aug. 2017 – Nov. 2017).
- : Power Plant starts up from black shutdown, Cairo West Power Plant Training Center (Feb. 2018).
- : Induction program for fresh engineering graduates, Mechanical and electrical engineers, Phase one, Institute for Construction Engineering and Management (The Arab Contractors) (Nov. 2014).
- : Induction program for fresh engineering graduates, Mechanical and electrical engineers, Phase two, Institute for Construction Engineering and Management (The Arab Contractors) (Apr. 2015).
- : Petrol and diesel engines overhauling workshop engineer preparation, Institute for Construction Engineering and Management (The Arab Contractors) (Nov./Dec. 2014).
- : Belayim Petroleum Company, Scholarship (Jun. 2009).
- : Cairo Electricity Production Company, Scholarship (Jul./Aug. 2009).
- : Training at Americana cold storage, Scholarship (summer 2011).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From May 2017 till now
Employer : Cairo Electricity Production Co.
Job title : Mechanical Engineer (Steam Turbine Department)
Job Description : Supervision on install, test, commission, start-up, operation and maintenance of 650MW supercritical steam turbine.

Dates : From Sep. 2014 till May 2017
Employer : The Arab Contractors Company
Job title : Mechanical Engineer (Heavy Transportation Department)
Job Description : Responsible for maintenance and repair of 120 trucks, execute diesel engine overhauling, manage the overhauling workshop and warehouse spare parts stock.

Dates : From Mar. 2013 till Sep. 2014
Employer : Fricool Group Company
Job title : Mechanical Engineer (Projects Department)
Job Description : Responsible for design a central refrigeration system and supervision on install, test, commission, start-up, operation and handover the system to the owner, executed 5 projects.

Field of experience :

- Mechanical Construction Engineer with experience over 8 years.
- Work as an Owner Representative, follow up the construction activities of supercritical power plant systems and equipment such as (steam turbine (650MW), pumps, air compressors, hydraulic systems, pneumatic systems, piping systems above and underground, HVAC systems, Firefighting systems), analyze and implement the inspection test plan (ITP) in order to ensure compliance with contractual obligations, contractor's submittals as well as related standards, review the

submitted technical data sheets, engineering drawings, manuals, method of statements, daily and weekly progress reports including the project schedule.

- Execute site walkdown to solve contractors' clashes, follow up commissioning and start-up activities with emphasis placed on following the safety instructions, attend the weekly progress, commissioning and start-up meetings, generated the required stock of steam turbine and auxiliaries' spare parts for 2 years.
- Proficient in: Reading engineering drawing (shop drawing, assembly, layout, Piping and instrumentation diagram).