

Holds a B. Sc. in Mechanical Production Engineering and has about 18 years hands-on experience working in construction, maintenance and operation.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 25/06/1977
Gender : Male
Marital Status : Married
Residence : Helwan, Cairo

EDUCATION

: B. Sc. in Mechanical Production Engineering, 2004

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Steam boiler course.
- : Piping courses.
- : Design of HVAC system (48 hrs.) (2020).
- : Mixing solutions and operations procedures in Water and Wastewater Treatment Plants, SERECO (Jun. 2010).
- : Off-shore training in GERMANY and Italy by companies in maintenance and manufacturing of pumps (Jun./Jul. 2010).
- : Site Training Courses Constituting program of Concentrated Study of Power Plant (Oct. 2007 - Jan. 2008).
- : IQA - Internal Quality Auditor, ICS (Apr. 2006).
- : Equipment and Application.
- : Management training in Leadership Development Center.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2020 till 2022
Employer : Sun Tech for Solar Energy
Job title : Owner
Job Description :

- Installation Solar Energy panels.
- Operating Solar Energy system.
- Monthly inspection for solar system.

Dates : From 2017 till 2020
Employer : PGESCO
Project : South Helwan Supercritical Power Plant 3x650MW
Job title : Senior Mechanical Engineer
Job Description :

- Construction Mechanical Consultant Engineer.
- BOP: installation Feed Water Pump Start-up pump & Condensate Pump and mazut & solar system.
- Piping Installation (Critical - Non-Critical) - Hydrostatic / Pneumatic Test.
- Pre-Commissioning Activities.
- Steel Structure & Foundation & Base Plate Equipment.
- Installation / Inspection / Report.

Dates : From 2010 till 2017
Project : El-Tebbin Power Plant 2x350MW
Job title : Mechanical Maintenance Engineer
Job Description :

- Maintenance for Boiler and Rotating / Static Equipment.
- Inspection / overhaul for IDF / FDF / GR Fan.
- Inspection / Maintenance of Valves / HEX / Air Preheater.
- Overhaul for pump: Change Bearing - Mechanical Seal - Alignment.
- Inspection for Waterwall / Piping.

Dates : From Feb. 2016 till Apr. 2016
Project : Cairo West Plant unit 5
Job title : Senior Mechanical Engineer
Job Description :

- Supervisor Engineer for Rehabilitation for super heater coils.
- Change Installation coils.
- Boiler test.
- Lifting Plan for coils.

Dates : From 2008 till 2010
Project : El-Tebbin Power Plant 2x350MW
Job title : Mechanical Construction Engineer
Job Description :

- Boiler Mechanical Engineer.
- Installation Water wall - Headers - Valves - Air / Gas Duct - Supports - Piping - Insulation - Pump - Fan.
- Pre-commissioning / Commissioning for Boiler systems.

Dates : From 2007 till 2008
Project : Shoubra Power Station 4x350MW
Job title : Mechanical Operation Engineer
Job Description :

- Operation Boiler systems (Water - steam - Fuel - Condensate).
- Inspection for Temperature / pressure condition.
- Condition monitoring for equipment.

Dates : From 2004 till 2007
Employer : EMECO Co.
Job title : Mechanical Operation Engineer
Job Description :

- Foreman Engineer of production department for cable trays.
- Responsible Engineer for all production steps for all kinds of cable trays.

Field of experience :

- Maintenance:
 - Follow all CM & PM maintenance.
 - Preparing the annual maintenance schedule, the maintenance plan and the required spare parts.
- Construction:
 - Receiving the materials and check if supplied as contract requirements and technical acceptance (MRR).
 - Follow up Erection & Construction.
 - Follow up installation of critical piping and supports.
 - Follow up installation, alignment and tests of feed water, circulating, condensate and fuel Pumps.
 - Review All Documents Submitted by Contractors.
 - Follow up As Built Drawing and Erection Sequence.
 - Visual Inspection of Welding and review WPS.
 - Follow up Hydro tests and pneumatic tests.
 - Preparing the Punch List Items according to Contract Specification.
 - Preparing the Warranty defect and Warranty Inspection.
 - Follow up the Performance Test.
 - Review and Check Performance Test Report Submitted.
 - Follow up the Commissioning for all the systems.
 - Follow Painting and insulation Inspection.
- Skills:
 - Maintenance & Reliability and Asset Management.
 - Visual Inspection.
 - Alignment of Rotating Equipment.
 - HVAC & Fire Fighting.
 - HSE.
 - Solar Energy.
 - Professional Report / Email Writing.
 - Project Management.