

Holds a B. Sc. in Mechanical Power Engineering and has about 2 years experience working in construction, maintenance and operation.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 12/05/1997
Gender : Male
Marital Status : Single
Residence : Cairo

EDUCATION

: B. Sc. in Mechanical Power Engineering, Ain Shams University, 2021

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD
: Matlab

TRAINING COURSES AND CERTIFICATIONS

- : Training Course in the Field of electrical and mechanical Systems for Power Plants from Cairo Electricity Production Company in Shoubra El-Kheima Power Plant, 6 October Power Plant, Cairo North Power Plant and West Cairo Power Plant (2016):
 - Earned experience from some Maintenance in North Cairo Power Station while they are changing rotor in the first module which consists of 2x250MW GE gas turbines and 1x250MW steam turbine.
 - Good knowledge about (HRSG, Supercritical Boilers).
- : PGESCO (2017): Training Course in the main Office and some sites about Gas and steam Turbines such as:
 - Directly involved in installation of turbine/generator and power block major component and auxiliaries in Al-Shabab Power Plant 8x125MW.
 - Course in types of Boilers.

- : Training Course in summer 2018 from MHPS – Mitsubishi Hitachi Power System & TTC Toyota Tsusho Corporation in South Helwan Power Plant 3X650MW as Mechanical Construction Engineer:
 - Directly involved in installation and inspection for all mechanical work such as Gas turbines, generators, static and rotary equipment installation, and alignment.
 - Directly involved in checking by Isometric /Piping plan for spools erected in the correct location, orientation, alignment, and plumpness such as cooling water, firefighting.
 - Directly involved in installing turbine auxiliary systems such as bearing system, Hyd. Oil flushing and initial operation, Lube Oil flushing for Bearing, Pipes and Steam Seal System.
 - Involved in Pre-commissioning and Start-up of the Turbines.
- : Training Course in summer 2018 from Mega for Construction and Industries in South Helwan Power Plant 3x650MW as Mechanical Construction Engineer (2018):
 - Directly involved in installation and inspection for all mechanical work such as Gas turbines, generators, static and rotary.
 - Directly involved in checking by Isometric / Piping plan for spools erected in the correct location, orientation, alignment, and plumpness such as cooling water, firefighting.
- : Training Course in summer 2019 from JEPCC1 in the Extension of West Cairo Power Plant as Mechanical QC Engineer:
 - Directly involved in installation and inspection for all mechanical work such as Gas turbines, generators, static and rotary.
 - Directly involved in checking by Isometric / Piping plan for spools erected in the correct location, orientation, alignment, and plumpness such as cooling water, firefighting.
 - Inspection about Welding in the boiler.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Sep. 2021 till now
- Employer** : METITO Water Treatment Co.
- Job title** : O&M Engineer
- Job Description** : Responsible for carrying out the necessary maintenance and upgrading work in many sites as following: Preventive Maintenance and Corrective Maintenance for each site (Arish SWRO, GALALAH SWRO, EAST PORTSAID SWRO, KIGALI REWANDA). Following were the key contribution in various services and installation projects:
- Deal with many companies such as (Sulzer, Schneider, Troshima, Düchting, KSB) while working as Maintenance Engineer.
 - High Experience in Alignments and vibration Devices.
 - Following Preventive Maintenance and Corrective Maintenance Schedule.
 - Directly involved in installation of piping and Pumps as a Construction Engineer in Libya and El-Arish SWRO Site.
 - Training Course in Bearings Replacements from KSB Company.
 - Inspect and monitor the workplace on continuous basis ensuring that all procedures, safe working practice, authorization system or permit to work systems are being carried out properly as well as conducting a

daily TBT for all persons.

- Use project scheduling and control tools to monitor project plans, working hours, budget, and expenditures.
- Technical assistance to Service manager to prepare tools, consumables, spare parts, scheduling, and time frame to upcoming Maintenance.
- Involved in Pre-commissioning and Start-up of El-Arish Plant.

Field of experience : High-skill experience in Metito Water Treatment SAE from dealing with High Pressure Pumps, Compressors, Electric Motors, RO Membranes, Pressure Exchangers Devices (PXs), Blowers) and many trainings in Power Plants in Combined Cycles (steam & gas turbines).