

Holds a B. Sc. in Mechanical Power Engineering and has about 13 years' experience working in construction, maintenance and commissioning at Power Plants. Fully aware with Codes & Standards (ASMI, ASTIN, API ...etc.).

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 02/03/1989  
Gender : Male  
Marital Status : Single  
Residence : Currently KSA

## EDUCATION

: B. Sc. in Mechanical Power Engineering, Assiut University, 2011

## LANGUAGES

Arabic : Native Language  
English : Fluent  
German : Basics

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: C++  
: Fortran  
: Matlab

## TRAINING COURSES AND CERTIFICATIONS

: CMRP, SMRP (2021).  
: Steam turbine maintenance site specific, GE (2018).  
: Solid Works, Assiut University (2009).  
: HVAC, Eng. Ayman Omar (2015).  
: Fire Fighting, Eng. Ayman Omar (2015).

## CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Aug. 2022 till now  
Employer : Saudi Electricity Co. (SCECO)

<b>Project</b>	:	Jazan GT Power Plant 2000MW (Gas Turbine: GE 7001E 30 Units x 65MW), KSA
<b>Job title</b>	:	Mechanical Head Section Engineer
<b>Job Description</b>	:	<ul style="list-style-type: none"> <li>• Leading the Mechanical Section and attending daily power plant meeting.</li> <li>• Execute mechanical maintenance in a safe and efficient manner for the whole plant equipment.</li> <li>• Maximize facility availability, reliability, efficiency.</li> <li>• Minimize losses and penalties.</li> <li>• Establish Outages plans and schedules in all details.</li> <li>• Establish full outages and inspections procedures (BI, CI, HGPI &amp; MI).</li> <li>• Monitor department engineers, technicians and workers with KPI System.</li> <li>• Review and keep focus on latest updates of all equipment manuals.</li> <li>• Setup and Following up maintenance procedures.</li> <li>• Responsible for workshop.</li> <li>• Be sure from availability and quality of tools.</li> <li>• Setup and update full Mechanical Preventive Maintenance and Predictive Maintenance plan.</li> <li>• Give instructions how to deal with emergency breakdowns.</li> <li>• Supervision of warehouse, stock level and availability of spare parts.</li> <li>• Contacting Vendors and Companies for ordering spare parts that matching best specifications at best price.</li> <li>• Provide technical specification for material order.</li> <li>• Fully responsible for department annual budget.</li> <li>• Analyze equipment failure and suggest methods for improvement for plant availability and reliability.</li> <li>• Contract analyzing and negotiation.</li> <li>• Process &amp; Pipeline services (PPS).</li> </ul>
<b>Dates</b>	:	From Aug. 2019 till Aug. 2022
<b>Employer</b>	:	TNB Remaco – Kharafi National JV
<b>Project</b>	:	Doha West GT Power Plant (O&M) 200MW - Gas Turbine: GE LM 6000 PC 5 Units x 40MW, Kuwait
<b>Job title</b>	:	Senior Mechanical Engineer
<b>Job Description</b>	:	<ul style="list-style-type: none"> <li>• Setup the full Mechanical Preventive Maintenance plan.</li> <li>• Process &amp; pipeline services (PPS).</li> <li>• Operation &amp; Maintenance of Underground and Aboveground pipelines.</li> <li>• Corrective Maintenance for Gas Turbine Axillaries &amp; Skids.</li> <li>• Rotating Equipment's Inspection, Troubleshooting and Repair.</li> <li>• Static Device's Inspection, Troubleshooting and Repair.</li> <li>• Monitoring Bore scope inspection 3 times for 5 gas turbines</li> <li>• Spare parts Inventory.</li> </ul>
<b>Dates</b>	:	From Nov. 2015 till Jul. 2019
<b>Employer</b>	:	UEEPC
<b>Project</b>	:	Assiut West Combined Power Plant 1500MW
<b>Job title</b>	:	Senior Mechanical Engineer

- Job Description** :
- Maintenance Activities:
    - Rotary Machines Maintenance (Pumps, Fans...etc.).
    - Operation & Maintenance of Underground and Aboveground pipelines.
    - Static Devices Maintenance (Valves, Flanges...etc.).
    - Responsible for all mechanical issues for 8 units.
    - Monitoring Bore scope inspection 3 times 8 gas turbines.
    - Perform 8 CI (Combustion Inspection).
    - Setup the full Mechanical Preventive Maintenance Plan for the power plan.
    - Responsible for Water Treatment Mechanical Issues.
    - Fin fan cooler system maintenance (Vibration Issues, - Fans Pitch Angles Adjustment, etc.).
    - Spare parts Inventory.
  - Construction Activities (Owner):
    - Installing 8 Units GE 9E Gas Turbine.
    - Installing 2 GE Steam Turbines D200 version.
    - Steam Turbine alignment.
    - Installing 8 Diverter Dampers.
    - Installing 8 HRSG (Steel Structure, Piping, Stack & Casing).
    - Install and perform Hydro tests for all Underground & Aboveground piping in the Power Plant.
    - Installing Condensate and Feed water systems.
    - ACC (Air Cooled Condenser) Installing.
    - Fin Fan Cooler System installing.
    - In-process and Final Inspections of Mechanical components and communicating the readiness for Final Inspection with QC.
    - Performing field walk-downs and inspections to review work for conformance with design requirements, applicable codes/standards and project procedures.
    - Review/interpret engineering drawings, specifications, and other documents.
  - Commissioning Activities:
    - Commissioning 8 Diverter Damper.
    - Commissioning Condensate and Feed water systems.
    - Hydro-test for HRSG.
    - Chemical Cleaning for HRSG.
    - Commissioning Fin Fan Cooler System.
    - Commissioning for Service, Demi and Row System.
    - HRSG Steam Blowing.
    - ACC Hot Cleaning.
    - Commissioning and Start-up Steam turbine 250MW.

**Dates** : From Jul. 2012 till Nov. 2015  
**Employer** : UEEPC  
**Project** : El-Kureimat Combined Power Plant (Module 2)  
**Job title** : Junior Mechanical Engineer  
**Job Description** : Maintenance for 2 Gas Turbines GE 9FA.

**Dates** : From Oct. 2011 till Apr. 2012  
**Employer** : Egyptian Armed Forces

**Project** : Military Service  
**Job title** : Reserve Officer  
**Job Description** : Responsible for maintaining diesel engines.

**Field of experience** :

- Gas Turbine Maintenance.
- Overhauls (major, HGP, CI).
- IGV Specialist.
- Turbine Compressor Specialist.
- Alignment.
- Gearbox Boxes Maintenance.
- CM & PM.
- Spare Parts Inventory.
- QC & Technical Reports.
- Leadership & planning.
- Machinery: GE 9e, 9FA, 7E, 5E, Westinghouse.
- Technical Field Advisor.