

# 104378-MEC-18CMSY-E-2011

## Senior Mechanical Engineer

Holds a B. Sc. in Mechanical Power Engineering and has 10 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 Kuwait

### 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. 2019 till now  
Employer : TNB Remaco – Kharafi National JV

- Project** : Doha West GT Power Plant (O&M) - Gas Turbine: GE LM 6000 PC 5 Units x 40MW
- Job title** : Senior Mechanical Engineer
- Job Description** :
- Setup the full Mechanical Preventive Maintenance plan.
  - Process & pipeline services (PPS).
  - Operation & Maintenance of Underground and Aboveground pipelines.
  - Corrective Maintenance for Gas Turbine Axillaries & Skids.
  - Rotating Equipment's Inspection, Troubleshooting and Repair.
  - Static Device's Inspection, Troubleshooting and Repair.
  - Monitoring Bore scope inspection 3 times for 5 gas turbines
  - Spare parts Inventory.
- Dates** : From Nov. 2015 till Jul. 2019
- Employer** : UEEPC
- Project** : Assiut West Combined Power Plant 1500MW
- Job title** : 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.