

101261-MEC-14CM-E-2018
Mechanical Maintenance Engineer

Holds a B. Sc. in Mechanical Power Engineering and has over 3 years hands-on experience working in construction and maintenance.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 15/03/1994
Gender : Male
Residence : Aswan

EDUCATION

: B. Sc. in Mechanical Power Engineering

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: Drafting with CAD and Solid Works

TRAINING COURSES AND CERTIFICATIONS

- : General Electric (GE) training for centrifugal compressors & steam turbines full maintenance procedures (2019).
- : GE training for Gas Turbine (2019).
- : HITACHI training for Steam Turbines and Centrifugal Compressors procedures for minor & major maintenance (2019).
- : Firefighting Design, NFPA Codes and Construction at EGC (2019).
- : Hydraulic and pneumatic at Jelecom (classification of pumps - control valves - actuators - motors - hoses) (Aug. 2016).
- : Automotive (engine – transmissions – suspension – steering) (Jan. 2014).
- : Training in construction and maintenance for pipelines at Gasco Company for natural gas transportation (Jul./Aug. 2015).
- : Training in maintenance at power station and workshop at AGIBA Company for petroleum (Aug./Sep. 2014).
- : Training in maintenance at power station and workshop at Balayium Petroleum (Aug./Sep. 2013).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2019 till now
Employer : Ammonia KBR Purifier Process
Project : KIMA Fertilizer Complex - Aswan (Egypt)
Job title : Mechanical Maintenance Engineer
Job Description :

- Commissioning period:
 - Perform & guide various activities related to rotating equipment like lube oil flushing, alignment, lubrication, vibration checks, start-ups, etc.
 - Reporting to Mechanical rotating equipment superintendent.
 - Perform & guide run tests for motors, pumps and compressors.
 - Ensure all safety rules are in force and are followed in the field.
 - Boxing up for static equipment.
 - Supervise the works of vendors' specialists and ensure their efficient utilization.
- Normal work period:
 - Supervising mechanical activities in the Ammonia section.
 - Carrying out the mechanical duties for preventive and corrective maintenance during Normal and overall plan programs.
 - Responsible for managing daily, weekly & monthly mechanical activities.
 - Preparing lists of supporting material and tools required for performing the jobs.
 - Suggesting new ideas for job improvement.
 - Attend overhaul turnaround at Egyptian Fertilizer company EFC for centrifugal Compressors (process air, CO₂, Synthesis gas) & steam Turbine for Process Air.
 - Carrying out routine vibration data collection for rotating equipment.
 - Make vibration analysis diagnosing faults and create analysis report with recommendations required.
 - Carrying out routine oil sampling in the best practice and send it to the oil lab for analysis.
 - Carrying out machine shaft alignment using the laser alignment tool.

Dates : From Jan. 2018 till Dec. 2018
Employer : Scatec Solar ASA
Project : Beban Solar Park Aswan (Egypt)
Job title : Mechanical Project Engineer
Job Description :

- Mechanical Engineer in two plots and finished mechanical completion for 165MW.
- Supervising all mechanical installation works, including but not limited to (Piles, Installation, trackers assemble and modules installation).
- Performing inspections over executed mechanical works to assure that quality assures are fulfilled.
- Generating and revising all mechanical method statements and ITPs prior to work Commencement.
- Daily reporting for executed mechanical works per each day.
- Provide technical direction or support to installation teams during installation, start-up, testing, system commissioning, or performance

monitoring.

- Familiar with PVH, NEXTRACKER and MOUNTING SYSTEM trackers structures.

- Field of experience :**
- Great knowledge and background in solar system mounting and developing.
 - Ammonia Section Specialist in rotating equipment maintenance.