

102502-MEC-18CMOS-E-2007
Mechanical Maintenance Engineer

Holds a B. Sc. in Mechanical Engineering and has about 15 years experience working in construction, maintenance and operation.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 28/03/1982
Gender : Male
Marital Status : Married
Residence : Damanhour

EDUCATION

: B. Sc. in Mechanical Engineering, Kafr El-Sheikh University, 2007

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: SAP

TRAINING COURSES AND CERTIFICATIONS

: Vibration analysis CAT II (VIBRATION INSTITUTE).
: Vibration analysis course CAT III (PPTOTAL).
: Machinery vibration analysis (IES).
: Vibration analysis course CAT II (PPTOTAL).
: Third Vibration Institute Middle East conference (Oct. 2022).
: Project Management Professional (PMP) course.
: Gas turbine operation training in Kureimat Power Plant (GE 9001FA).
: Gas turbine operation training at Nubaria Power Station (SIEMENS).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2017 till now
Project : NUBARIA POWER STATION

Job title : Mechanical Maintenance Engineer
Job Description :

- Responsible for all rotating and static equipment included implement maintain and improve plant equipment, facilities, component products, systems, and modified site drawing. Now I am certified vibration analyst (Vibration Institute) using vibration analysis and other available technologies to perform proactive maintenance like thermography, ultrasound and UE-system if available.
- Implementation of maintenance programs.
- Executing major for boiler and HRSG body.
- Inspection and maintenance of static equipment.
- Executing NDT work.
- Inspect completed plant installations and observe operations.
- Prepare specifications of materials and equipment for purchase.
- Predictive maintenance.
- Vibration analysis.
- Provide technical support and reporting.
- Train team members as necessary.
- Multistage Pump and compressors maintenance and major inspection.
- HRSG inspection and thickness measurements.
- Chemical injection modifications.
- Sharing in CI and MI for GE 9FA units.
- Sharing in SIEMENS V94.3 minor, hot gas path, and major inspection.
- Alignment.
- Service Engineer.

Dates : From 2016 till 2017
Employer : HASSAN ALLAM
Job title : Mechanical Maintenance Engineer
Job Description :

- Responsible for all rotating equipment including assembly, maintenance and condition monitoring activities.
- Assembly of pumps in water station.
- Maintenance activity.
- Vibration analysis and alignment.

Dates : From 2015 till 2016
Employer : PETROMAINT
Job title : Mechanical Maintenance Engineer
Job Description :

- Responsible for all rotating equipment including assembly, maintenance and condition monitoring activities.
- Assembly of pumps in water station.
- Maintenance activity.
- Vibration analysis and alignment.

Dates : From 2014 till 2015
Employer : [EGYPTROL](http://www.egyptrol.com)
Project : AL-WALIDIA POWER STATION, ASSIUT (GE 25MW (TM2500) units)
Job title : Operator Engineer

- Job Description** :
 - Monitor and operate the units.
 - Maintenance activities.
 - Training the owner operators.
- Dates** : From 2008 till 2014
- Project** : NUBARIA POWER STATION
- Job title** : DCS Operator Engineer
- Job Description** :
 - First, I worked for HRSG (Alstom) and gas turbine (GE) operation work beside these I should follow up steam turbine (Mitsubishi - Alstom) and gas turbines (SIEMENS V94.3A) to finally achieve full follow up for our units on the grid beside that I follow up construction, erection and performance.
 - Inspection and operation gas turbine engineer for (GE MS9001FA).
 - Start-up and operation HRSGs.
 - Start-up and operation all auxiliary systems (service water, closed cooling water, Circulating water, compressed air, ...etc.).
 - Check and operation the field equipments (valves, pumps, etc.).
 - Sharing in steam blow test for the heat recovery steam generators and all related constructions.
 - Sharing in gas and steam turbines major inspection.
- Dates** : From 2007 till 2008
- Employer** : HORSE GROUP FOR ENGINEERING WORKS, EGYPT
- Job title** : Executive Engineer
- Job Description** :
 - Responsible for the excavation work in the underground drainage department and installation work for construction of water and sewage station.
 - Estimating construction cost.
 - Train team members as necessary.
 - Prepare specifications of materials and equipment for purchase.
 - Construction works.
 - Site acceptance tests.
 - Underground daring.
- Field of experience** : Worked as Mechanical Construction Engineer at water and sanitation station and joined at power station for HRSG as a Mechanical Construction Engineer, then joined to operation team (GT, ST, HRSG and auxiliary) at the same power station, then worked in mechanical maintenance department.