

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

Holds a B. Sc. in Mechanical Engineering and has about 17 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
: Ascent Machinery Analyze
: CMM Amplissma

TRAINING COURSES AND CERTIFICATIONS

: Vibration analysis course CAT III (PPTOTAL) (Nov. 2022).
: Vibration analysis CAT II (VIBRATION INSTITUTE).
: Machinery vibration analysis (IES) (Aug. 2018).
: Vibration analysis course CAT II (PPTOTAL) (Jan. 2020).
: Third Vibration Institute Middle East conference (Oct. 2022).
: Project Management Professional (PMP) course (Mar. 2014).
: Gas turbine operation training in Kureimat Power Plant (GE 9001FA) (Feb. 2009).
: Gas turbine operation training at Nubaria Power Station (SIEMENS) (Jan. 2009).

CHRONOLOGICAL EXPERIENCE RECORD

Dates	:	From 2015 till now
Project	:	NUBARIA POWER STATION
Job title	:	Senior Mechanical Maintenance Engineer
Job Description	:	<ul style="list-style-type: none">• Follow up the entire daily; weekly, monthly preventive maintenance activities for steam and gas turbine auxiliaries' (lube oil system, hydraulic oil system, sealing & gland steam, condensate and vacuum system, ...etc.).• All auxiliary skids erection, Air inlet erection, Exhaust system erection.• All pre-commissioning activities as flushing (Oil, LF, WI ...etc.) and air blowing for on & off base systems.• Check and maintenance all auxiliary systems (service water, closed cooling water, Circulating water, compressed air, ...etc.).• Check and maintenance the field equipment (valves, pumps, ...etc.).• Preparation of spare part lists (Capitals & Consumables) and special tools required for overhaul maintenance and inspection.• Follow up CI and MI for gas turbine GE 9FA 250MW.• Inspection gas turbine (GE 9FA) by borescope.• Inspect completed plant installations and observe operations.• Perform vibration analysis to evaluate the mechanical condition of rotating equipment and analyze vibration related faults for Middle Delta electrical Production Company (MDEPC).• Establish condition monitoring programs including vibration measurement, thermal imaging, and lubrication programs.• Analyze predictive maintenance data and initiates follow on corrective work.• Plant shutdown activities and required spare parts.• Trainer for vibration analysis at Middle Delta Production Company training sector.• Perform all vertical pumps overall maintenance.• Perform multistage centrifugal pumps overall maintenance.• Perform air compressors (comp air, atlas copco) overall maintenance.• Perform balancing one and two plans.• Service Engineer for Middle Delta Electrical Production Company (MDEPC).• Commissioning and startup of gas turbine.• Commissioning of all auxiliaries of gas turbine (lube oil skid, fuel system, hydraulic and pneumatic system).• Perform NDT (PT) test.• Perform Routine and Predictive Maintenance of Plant Equipment.• Offer technical Support to maintenance Groups like supervisors, supervisors, fitters, and technicians.• Conforming to health and safety procedures and policies.• Proficiency in computerized maintenance management systems (CMMS).
Dates	:	From 2014 till 2015
Employer	:	MDEPC

Project	:	NUBARIA POWER STATION 3X750MW COMBINED CYCLE
Job title	:	Mechanical Maintenance Engineer
Job Description	:	<ul style="list-style-type: none"> • Perform routine and predictive maintenance of rotating plant equipment's (service water pump, circulate water pump, HIP feed water pump, air compressor, etc.). • Perform routine and predictive maintenance of static plant equipment's (valves HRSG, bath heater, etc.). • Perform overhauls maintenance for plant equipment's (service water pump, circulate water pump, HIP feed water pump, air compressor, etc.). • Perform breakdown maintenance for all rotating plant equipment's. • Analyze and diagnose plant equipment's fault during plant operation and break down. • Offer technical support to maintenance groups like supervisors, fitters and technicians. • Analyze and Diagnose Plant Equipment's Flats During Plant Operation and Breakdowns. • Conforming to health and safety procedures and policies estimate the need for spare parts. • Proficiency in computerized maintenance management systems (CMMS).
Dates	:	From 2013 till 2014
Employer	:	EGYPTROL
Project	:	AL-WALIDIA POWER STATION, ASSIUT (GE 25MW (TM2500) units)
Job title	:	Gas Turbine Operation & Maintenance Engineer
Job Description	:	<ul style="list-style-type: none"> • Perform operation GE aeroderivative 25MW units. • Perform Routine and Predictive Maintenance of Plant Equipment. • Conforming to health and safety procedures and policies.
Dates	:	From 2012 till 2013
Employer	:	PETROMAINT
Job title	:	Mechanical Maintenance Engineer
Job Description	:	<ul style="list-style-type: none"> • Perform Routine and Predictive Maintenance of Plant Equipment. • Perform alignment. • Perform vibration measurements. • Conforming to health and safety procedures and policies.
Dates	:	From 2010 till 2012
Project	:	NUBARIA POWER STATION III
Job title	:	DCS Operator Engineer
Job Description	:	<ul style="list-style-type: none"> • Sharing in steam blow test for the heat recovery steam generators. • Start up and operation all auxiliary systems (service water, closed Cooling water, Circulating water, compressed air, ...etc.). • Sharing in Combustion inspection and tuning for GE 9FA units. • Sharing in Major inspection and tuning. • Sharing in performance work for GE 9FA units. • Sharing in start-up for STF HRSG. • Sharing in CI and MI for GE 9FA.

- Sharing commissioning and startup of gas turbine GE 9FA.
- Proficiency in computerized maintenance management systems (CMMS).

Dates : From 2008 till 2010
Project : NUBARIA POWER STATION II
Job title : DCS Operator Engineer
Job Description :

- Start up and operation of gas turbine, steam turbine, HRSG and all auxiliary systems (service water, closed cooling water, Circulating water, compressed air, ...etc.).
- Sharing in minor inspection for Siemens gas turbines.
- Sharing in overhaul maintenance for Mitsubishi steam turbine.
- Proficiency in computerized maintenance management systems (CMMS).

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.

Skills:

- Vibration Analysis CAT III.
- Machinery lubrication.
- Thermal imaging.
- Maintenance planning.
- Data collection and analysis.