

102486-MEC-14CMOSY-S-2003

Rotating Equipment Technician

Has about 20 years' experience working in construction, maintenance, operation, commissioning and start-up.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 04/12/1982
Gender : Male
Marital Status : Married
Residence : Mahmoudia

EDUCATION

: Diploma of Electrical Manufacturing, 2003

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jun. 2019 till now
Employer : Petrobel
Project : Abo Rudies Field
Job title : Rotating Equipment Technician
Job Description :

- Perform maintenance activities and troubleshooting of all rotating machinery.
- Perform maintenance activities of Siemens SGT-400.
- Perform maintenance activities and troubleshooting of air fan coolers.
- Perform maintenance activities and troubleshooting of All pump types (End Suction Centrifugal Pumps, Multi-Stage Centrifugal Pumps, Dosing pumps, Diaphragm pumps).
- Maintenance of combined mechanical seal with all types and with a knowledge with its plans.
- Perform maintenance activities and troubleshooting of Flash Gas Compressor (Reciprocating Compressor).
- Perform Laser Alignment for Pumps and Compressors.

- Ensure safe and correct operations of system equipment.

Employer : SANMAR for BASMALAH
Project : Port Said
Job title : Mechanical Technician
Job Description : Mechanical maintenance for rotating equipment.

Employer : GS
Project : Mostorod
Job title : Mechanical Technician
Job Description : Mechanical maintenance for rotating equipment.

Employer : El-Sewedy Electric PSP
Project : Beni Suef Combined Cycle 4800MW
Job title : Mechanical Foreman
Job Description :

- Mechanical Activities for two Siemens Steam Turbines 400MW:
 - Install bearing pedestal and make alignment for bearings.
 - Install vertical and horizontal guide pin for LP casing.
 - Install end wall for outer casing of LP turbine.
 - Install lower part of LP turbine and make alignment for turbine diaphragm.
 - Install HP-IP turbine and its control stop valves.
 - Install condensate pump and feed water pump and make alignment.
- Mechanical Activities for Siemens Gas Turbine 400MW:
 - Install compressor and turbine supports.
 - Install Gas Turbine and make Pre-alignment.
 - Install Generator on its foundations.
 - Make pre-alignment and final alignment for turbine and generator.
 - Make shaft coupling holing and run-out test.
 - Open the bearing of turbine and install return and supply lube oil pipe, install jacking oil tubes.
 - Install shaft seal and adjust its gaps.
 - Adjust displacement of thrust bearing and shaft position.

Employer : El-Nour for Construction & Supplier Co.
Project : Mahmoudia Simple Cycle 330MW (Fast Track Project)
Job title : Mechanical Construction Foreman
Job Description :

- Construction & ERECTION TWO GAS TURBINES (ANSALDO ENERGIA 330MW) FRAME (AE- 94.2).
- Lifting & supported the turbine & generator.
- Install the gas turbine exhaust diffuser & Stack inlet cone – vertical duct – transition.
- Install the air intake (lower & upper part Duct - filter module -silencer - weather hood).
- Make shaft Alignment between turbine & generator.
- Gas turbine & generator enclosure.
- Make shaft Alignment for pumps.
- Taking Rotor out and cooler for inspection and then placing.

Employer : ANSALDO Energia
Project : 6 October Power Station
Job title : Mechanical Fitter while Gas Turbines maintenance
Job Description :

- Lifting & supported the turbine & generator.
- Install the gas turbine exhaust diffuser & Stack inlet cone –vertical duct – transition.
- Install the air intake (lower & upper part Duct - filter module - silencer - weather hood).
- Make shaft Alignment between turbine & generator.
- Gas turbine & generator enclosure.
- Make shaft Alignment for pumps.
- Taking out generator bearing and shaft.
- Taking out turbine shaft for inspection and changing.

Employer : Elkrom Middle East for ANSALDO Energia
Project : 6 October Power Station (first & second phase)
Job title : Mechanical Fitter of Gas Turbines
Job Description :

- Lifting & supported the turbine & generator.
- Install the gas turbine exhaust diffuser & Stack inlet cone – vertical duct – transition.
- Install the air intake (lower & upper part Duct - filter module - silencer - weather hood).
- Make shaft Alignment between turbine & generator.
- Gas turbine & generator enclosure.
- Make shaft Alignment for pumps.

Employer : Elkrom Middle East for ANSALDO Energia
Project : Banha Power Station 750MW
Job title : Mechanical Fitter of Steam Turbines
Job Description :

- Install compressor and turbine supports.
- Install Gas Turbine and make Pre-alignment.
- Install Generator on its foundations.
- Make pre-alignment and final alignment for turbine and generator.
- Make shaft coupling holing and run-out test.
- Open the bearing of turbine and install return and supply lube oil pipe, install jacking oil tubes.
- Install shaft seal and adjust its gaps.
- Adjust displacement of thrust bearing and shaft position.

Employer : Elkrom Middle East for ANSALDO Energia
Project : El-Atf Power Station 750MW
Job title : Mechanical Fitter of Steam Turbines
Job Description :

- Install compressor and turbine supports.
- Install Gas Turbine and make Pre-alignment.
- Install Generator on its foundations.
- Make pre-alignment and final alignment for turbine and generator.
- Make shaft coupling holing and run-out test.

- Open the bearing of turbine and install return and supply lube oil pipe, install jacking oil tubes.
- Install shaft seal and adjust its gaps.
- Adjust displacement of thrust bearing and shaft position.

Field of experience :

- Gas turbine construction, commissioning, start-up and operation.
- Steam turbine & auxiliaries (Mechanical activities of turbine – condenser - vacuum system - tube cleaning system and debris filter) construction, Commissioning and start-up.
- Construction, commissioning and start-up for combined cycle auxiliaries such as (closed cooling system, Condensate system, feed water system and circulating cooling system).
- Mechanical Commissioning Active (chemical cleaning – steam blow – pump maintenance).
- Major projects of power plant have included installation for gas turbine, steam turbine, boilers and related auxiliaries. All aspects of commissioning, start-up and operation for all mechanical equipment (static and dynamic) to be according client contract specification and manufacture requirement.
- Technical ability in the field and in the office.
- Mechanical Commissioning:
 - Carry out checks as defined in the Loop Sheets during Static Commissioning activities.
 - Understanding and execution of commissioning procedures during Dynamic Commissioning activities.
 - Ensure that the installation and testing of mechanical static and rotating equipment, and piping equipment is conducted in accordance with CONTRACTOR requirements for the following range of equipment on mechanical systems:
 - ❖ Process systems, including compressors, turbines, lube oil, pumps, vessels chemical injection, flaring systems; etc.
 - ❖ Utility systems, including compressed air and nitrogen systems and associated piping, cooling and heating mediums, open and closed drain systems, etc.
 - ❖ Fire and Safety equipment.
 - ❖ Heating and Ventilating (HVAC) equipment.
 - ❖ Piping and valves, including witness of hydrotesting, torquing, chemical cleaning/flushing, nitrogen/helium leak testing, and pressure safety valve (PSV).
 - ❖ Lube Oil flushing including high velocity flushing.
 - Assist other disciplines and vendors where the work scope overlaps (flexible work practice).
 - Observe COMPANY safety rules and regulations, including the Permit to Work system, and comply with same.
 - Maintain good housekeeping conditions on the job site.
 - Responsible for the economical use of materials and equipment, high volume/high quality work, and the proper care and protection of tools and equipment.
 - Ability to install, repair, calibrate, test and maintain pneumatic or mechanical control equipment. This includes stationary and rotating systems, hydraulic and pneumatic systems.
 - Verification of the following items:

- ❖ Alignments of rotating equipment, both vertical and horizontal.
- ❖ Flushing of all major equipment.
- ❖ Preventative Maintenance.
- ❖ Vessel internal inspections.
- ❖ Installation of filter media.
- ❖ Mechanical Seal installation, setting and repair.
- ❖ Chemical cleaning of process piping.