

103970-MEC-1MOY-S-2001
Mechanical Maintenance Technician

Holds a Mechanical Diploma and has about 12 years hands-on experience working mainly in maintenance field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 02/05/1984
Gender : Male
Marital Status : Married
Residence : Mahmoudia

EDUCATION

: Diploma Industrial Technical School (Mechanical Construction), 2001

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Nov. 2007 till now
Project : Mahmoudia Power Station
Job title : Maintenance Technician for 8 gas turbines & 2 steam turbines with total load 312MW
Job Description :

- Make overall major maintenance for General Electric units frame (5) 25MW including:
 - Disassemble and assemble all mechanical components.
 - Take out and maintenance the turbine rotor.
 - Replacement the turbine blades if need.
 - Replacement any corrosive part like bearings, oil deflectors, shroud of the 1st & 2nd stage buckets, liners, fuel nozzle components, transition pieces, liquid fuel valves and purge air valves and finally prepare complete report including different reading and spare parts.
- Make hot gas path maintenance for General Electric units frame (5) 25MW including:
 - Disassemble and assemble all mechanical components.
 - Combustion inspection steps.
 - Remove turbine casing.

- Remove and inspect transition pieces.
- Remove and inspect first stage nozzle.
- Make Combustion chambers & fuel nozzle maintenance for General Electric units frame (5) 25MW including:
 - Disassemble and assemble all mechanical components.
 - Fuel nozzles & fuel lines and liquid fuel valve inspection.
 - Combustion chambers and cross fire tubes inspection.
 - Clean up, visual inspect, restart and start-up checks.
- Prepare the gas turbine units to operate using liquid solar fuel instead of natural gas fuel and make overall maintenance for Roper flow divider distributor (10 stages).
- Make pumps maintenance and balancing.
- Make overall maintenance for condensate pumps multistage (10 stages), Vertical pumps and for Ansaldo steam control valve.
- Make require maintenance for travel screen and main cooling pumps, hydraulic power unit, air compressors and steam turbine auxiliaries such as ejectors, lubrication system and condenser.
- Acting as member of the tenders committee responsible for receiving of the spare parts for example:
 - Tender of delivery air compressor for converters.
 - Tender of repair the 1st stage nozzle, 2nd stage nozzle, transition pieces and liners for gas turbine units.
 - Tenders of delivery spare parts for gas turbine and steam turbine units like water pumps, compressors, lube oil pumps, hydraulic pumps, 1st stage and 2nd stage bucket, journal bearings 1 & 2, thrust bearing active and inactive, oil deflectors and gaskets with different sizes.
- Make overall maintenance for STEAM TURBINE (58MW).

Dates : From Dec. 2013 till Nov. 2014
Employer : Saudi Arabia Engineering Company

Dates : From Oct. 2005 till Nov. 2007
Project : Mahmoudia Power Station
Job title : Operation Technician