

100167-MEC-1MOSY-S-2008

Mechanical Maintenance Technician

Has about 10 years hands-on experience working in mechanical maintenance field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 25/09/1983
Gender : Male
Residence : Giza, Cairo

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Mar. 2008 till now
- Project** : El-Kureimat
- Job title** : Mechanical Maintenance Technician
- Job Description** :
- From Mar. 2008 till now:
 - Working in combustion inspection for El-Kureimat III Gas turbine (2x250MW) GE turbine frame MS9001FA.
 - Disassembly the hoses and piping for the combustion chamber such as (PM1, PM4, D5, AUTOMZING AIR, OIL FUEL, WATER INJECTION, ...etc.).
 - Dismantling the (transition piece, flow nozzle, cap uncoated, cross fire tube and combustion liner).
 - Install new parts and re-assembly the hoses and piping for (18) combustion chamber.
 - Good used measurement tools.
 - Oct. 2013: Worked in combustion inspection GE turbine frame 6FA (6 cans):
 - Disassembly the hoses and piping for the combustion chamber such as (PM1, PM2, PM3, AUTOMZING AIR.....etc.).
 - Dismantling the (transition piece, flow nozzle, cap uncoated, cross fire tube and combustion liner).
 - Install new parts and re-assembly the hoses and piping for (6) combustion chamber.
 - Good used measurement tools.
 - From Apr. 2012 till Nov. 2012: Worked in Hot gas path inspection for El-Kureimat III Gas turbine (2x250MW) GE turbine frame MS9001FA CTG 3:
 - Turbine compartment roof sections removal.
 - Remove inlet and exhaust duct access panel.
 - Remove all parts related to combustion inspection.
 - Take opening compressor and turbine rotor position check.
 - Remove upper half cooling and sealing air piping.
 - Put the mechanical screw jacks under unit casing.
 - Remove turbine casing bolts and first stage nozzle top key and clamps.
 - Remove upper turbine casing.

- Remove upper half first stage nozzle and support ring.
- Take turbine rotor float and turbine clearance check.
- Remove lower half first stage nozzle and support ring.
- Remove the retainer plugs of second and third stage nozzle.
- Remove the nozzle segment of second and third stage nozzle.
- Remove 1st, 2nd, 3rd buckets.
- Make first stage nozzle ellipticity checks.
- Reassembly parts of hot gas path inspection.
- From Dec. 2010 till Feb. 2011: Worked in Hot Gas Path inspection (HGPI) for El-Kureimat II (2x250MW) SIEMENS frame V 94.3A:
 - Change the tiles of the combustion chamber.
 - Change the turbine buckets.
 - Inspect the burners, repair, install.
 - Dismantling and re-assembly all mechanical equipments related to (HGPI).
 - Maintain all mechanical equipments for example not limited to (pumps, fans, all type of valves, ...etc.).
- Dec. 2009: Worked in combustion inspection for El-Kureimat III Gas turbine (2x250MW) GE turbine frame MS9001FA:
 - Disassembly the hoses and piping for the combustion chamber such as (PM1, PM4, D5, AUTOMSING AIR, OIL FUEL, WATER INJECTION, ...etc.).
 - Dismantling the (transition piece, flow nozzle, cap uncoated, cross fire tube and combustion liner).
 - Install new parts and re-assembly the hoses and piping for (18) combustion chamber.
 - Working in the construction of steam turbine for El-Kureimat III.
 - Maintain all type of vertical and horizontal pumps (axial single stage and multistage, rotary single stage and multistage, diaphragm, gear, ...etc.).
 - Make overhaul maintenance for (services water pumps, closed cooling pumps).
 - Maintain all types of manual valves and control valves.
 - Water pumps.

- Field of experience :**
- Major overhaul inspection for Toshiba Steam Turbine & Generator in Kuwait.
 - 7 CI (COMBUSTION INSPECTION OF GE GAS TURBINE FRAME 9FA in EL-KUREIMAT III COMBINED POWER STATION.
 - 2 HGPI (HOT GAS PATH INSPECTION OF GE GAS TURBINE FRAME 9FA in EL-KUREIMAT III COMBINED POWER STATION.
 - 1 CI (COMBUSTION INSPECTION OF GE GAS TURBINE FRAME 9FA in EL-KUREIMAT SOLAR COMBINED POWER STATION with Egyptrol company.
 - 2 HGPI (HOT GAS PATH INSPECTION (HGPI) for EL-KUREIMAT II (2x250MW SIEMENS frame V 94.3A.
 - 1 HGPI (HOT GAS PATH INSPECTION OF GE GAS TURBINE FRAME 9FA IN CAIRO NORTH COMBINED POWER STATION.
 - 4 MINOR INSPECTION for EL-KUREIMAT II (2x250MW SIEMENS frame V 94.3A.