

Has about 19 years experience working in maintenance at El-Kureimat Power Station.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 09/04/1973
Gender : Male
Residence : Giza, Cairo

EDUCATION

: 1998

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Dec. 2015 till Mar. 2016
Employer : EGYPTROL
Job Description :

- Worked in major inspection alignment and mounting of the rotor of General Electric turbine frame 6FA in El-Kureimat Solar Power Station.
- 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.
- 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.
- 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.

Dates : Oct. 2013
Job Description : 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.

Dates : From Apr. 2012 till Nov. 2012
Job Description : 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.

Dates : From Dec. 2010 till Feb. 2011
Job Description : 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.).

Dates : Dec. 2009
Job Description : 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).
- Working in the construction of steam turbine for El-Kureimat III.

- Install new parts and re-assembly the hoses and piping for (18) combustion chamber.
- 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.

Dates : Mar. 2008

Project : El-Kureimat III Gas turbine (2x250MW) GE turbine frame MS9001FA

Job title : Mechanical Maintenance Technician

Job Description :

- 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.

Dates : From Dec. 2002 till Apr. 2003

Job Description : Worked as Mechanical Technician in major inspection of El-Kureimat I Thermal Power Station 650MW:

- Disassembly of all turbine parts upper and lower casing.
- Disassembly of HP turbine, Ip turbine and LP turbine.
- Dismounting of turbine and generator rotor.
- Dismounting of all mechanical parts of turbine valves.
- Alignment and clearance of the rotor.
- Maintenance of all lube oil pumps and valves.
- Maintenance of stator cooling units of the generator.

Job Description : Worked as Air Conditioning Technician:

- Maintenance of Honeywell, yourk and other air conditioning center.
- Maintenance of air handling units.
- Mounting, installing and maintenance of small air conditioning units window and split type.

Field of experience :

- 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.
- 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.