

104297-MEC-1BM-S-2006
Mechanical Maintenance Technician / Millwright

Has about 16 years hands-on experience working as Mechanical Maintenance Technician / Millwright at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 23/10/1979
Gender : Male
Marital Status : Married
Residence : El-Behira

EDUCATION

: Mechanical Industrial (Grinding – Machining) (3 years)

LANGUAGES

Arabic : Native Language
English : Fair

TRAINING COURSES AND CERTIFICATIONS

- : Training about mechanical maintenance for gas turbine (SIEMENS SGT15-4000F) in Nubaria Power Station.
- : Training course of industrial safety precautions.
- : Training course about definition of electrical power stations.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2006 till now
Employer : Middle Delta Electricity Production Company
Job title(s) : Mechanical Maintenance Technician / Millwright
Job Description :

- Follow up all site operation activities for (GE) gas turbines, SIEMENS SGT5-4000F 250MW gas turbines Nubaria CCPP, Alstom 250MW steam turbines Nubaria CCPP, steam turbine Mitsubishi TC2F-35.4” 250MW Nubaria CCPP.
- Follow up all site commissioning activities for SIEMENS gas turbines SGT5-8000H in BURULLUS CCPP.

Field of experience :

- Alignment using dial gauge method.
- Start-up, monitoring normal operation and shutdown of the turbines.
- Monitoring auxiliaries of the site.

- Attend Major inspection at (Harad Power Plant - KSA) under Saudi ARAMCO Supervision with GE teamwork “Frame 5E”.
- Good knowledge about the spare parts of GE MS9001FA gas turbines.
- Good knowledge about the special tools of the GE MS9001FA gas turbines.
- Attending 4 Combustion Inspections (CI) at Nubarria Site the programed schedule inspection every 8000 EOH.
- Attending 2 Combustion Inspections (CI) at El-Kureimat Site the programed schedule inspection every 8000 EOH.
- Attending 4 Major Inspections at the programed schedule inspection at 50000 EOH.
- Full awareness for using ITH and High torque Machines.
- Participation in compressor blades repair and change.
- Borescope inspection for all gas turbine sectors.
- Participation in Generator Hydrogen Seal replaces and repairs.
- Participation in 4 Generator Warranty inspections.
- Participation in Bearing No. 1, 2, 3, 4 and thrust bearing inspection.
- Make NDT for all bearings and blades.
- Take all clearances referring to all Compressor and Turbine sections.
- Participation in wet tie modification on Generator.
- Participation in all warranty inspection tests.
- Maintenance of trash rack.
- Maintenance of traveling screens.
- Doing the maintenance schedules (daily – weekly – monthly - ...etc.).
- Maintenance of the Atlas Copco compressors.
- Involved in a GE MS9001FA gas turbines major inspection outage after surge accident to the compressor so work with GE team open the entire machine for inspection and change the damage part.
- INVOLVED IN warranty overhaul inspection for Mitsubishi steam turbine TC2F-35.4” 250MW - THE WARRANTY INSPECTION UNDER MITSUBISHI COMPANY.
- INVOLVED IN warranty overhaul inspection for Mitsubishi steam turbine TC2F-35.4” 250MW valves (HPSV, HP CV, ICV, RSV, LPCV, LPSV) - THE WARRANTY INSPECTION UNDER MITSUBISHI COMPANY.
- INVOLVED IN THE PROGRAMED MAJOR INSPECTION FOR Mitsubishi steam turbine TC2F35.4” 250MW FOR STEAM TURBINE PARTS (HIP TURBINE, LP TURBINE, 6 JORNAL BEARING, THRUST BEARING,etc.).
- INVOLVED IN THE PROGRAMED MAJOR INSPECTION FOR Mitsubishi steam turbine TC2F35.4” 250MW VALVES FOR (HPSV, HP CV, ICV, RSV, LPCV, and LPSV) ...etc.).
- AREAS OF EXPERIENCE: Turbines, Compressor, Gear box.