

100211-MEC-1MY-S-1999
Mechanical Maintenance Technician

Holds an Industrial Diploma and has about 11 years hands-on experience working in mechanical maintenance field at Nubaria Combined Cycle Power Plant.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 17/01/1984
Gender : Male
Marital Status : Married
Residence : Damanhour

EDUCATION

: Industrial Diploma (mechanical erections), 1999

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2007 till now
Employer : Middle Delta Electricity Production Company
Project : Nubaria Combined Cycle Power Plant
Job title : Mechanical Maintenance Technician
Job Description :

- Follow up all site mechanical maintenance AND CONSTRUCTION activities for Alstom 250MW steam turbines Nubaria CCGT such as:
 - INVOLVED IN 1 MAJOR INSPECTION FOR THE ALSTOM 250MW STEAM TURBINE.
 - INVOLVED IN BEARINGS INSPECTION FOR STEAM TURBINE AND MODIFICATION FOR BEARING 1.
 - INVOLVED IN STEAM TURBINE CONSTRUCTIONS ACTIVITIES IN NUBAIA PROJECT.
 - INVOLVED IN STEAM TURBINE COMMISSIONING AND START-UP ACTIVITIES IN NUBARIA PROJECT.
- Follow up all site mechanical maintenance activities for SIEMENS SGT5-4000F 250MW gas turbines Nubaria CCGT such as:

- INVOLVED in Minor Inspection the programmed schedule inspection every 8000 EOH.
- INVOLVED in 2 Hot Gas Path the programmed schedule inspection at 25000 EOH.
- INVOLVED in 2 Major Inspections the programmed scheduled inspection at 50000 EOH.
- Follow up all site mechanical maintenance activities for steam turbine Mitsubishi TC2F-35.4" 250MW Nubaria CCPP such as:
 - INVOLVED IN warranty overhaul inspection for Mitsubishi steam turbine TC2F-35.4" 250MW THE WARRANTY INSPECTION UNDER MITSUBISHI COMPAMY.
 - 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 COMPAMY.
 - INVOLVED IN THE PROGRAMMED MAJOR INSPECTION FOR Mitsubishi steam turbine TC2F-35.4" 250MW FOR STEAM TURBINE PARTS (HIP TURBINE, LP TURBINE, 6 JORNAL BEARING, THRUST BEARING, ...ETC.).
 - INVOLVED IN THE PROGRAMMED MAJOR INSPECTION FOR Mitsubishi steam turbine TC2F-35.4" 250MW VALVES FOR (HPSV, HP CV, ICV, RSV, LPCV and LPSV) ...ETC.).
 - INVOLVED IN MAINTENANCE FOR STEAM TURBINE AUXILIRIES (MAIN LUBE OIL AND HYDRULIC SYSTEM, VACCUM SYSTEM, GLAND STEAM SYSTEM, ETC.
- Follow up all site mechanical maintenance activities for General Electric (GE) gas turbines such as:
 - Good knowledge about the spare parts of GE MS9001FA gas turbines.
 - Good knowledge about the special tools of the GE MS9001FA gas turbines.
 - 4 Combustion Inspections (CI), Nubaria Site the programmed schedule inspection every 8000 EOH.
 - 2 Combustion Inspections (CI), EI-Kureimat Site the programmed schedule inspection every 8000 EOH.
 - 4 Major Inspections the programmed schedule inspection at 50000 EOH.
 - Full awareness for using ITH and High torque Machines.
 - Participate 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.
 - Participate 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.
 - Participate in wet tie modification on Generator.
 - Participate 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.