

104544-MEC-1MS-S-2008
Mechanical Maintenance Technician

Has about 13 years hands-on experience working in maintenance at Nubaria Power Station.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Marital Status : Married
Residence : El-Behira

EDUCATION

: Industrial Diploma (3 years)

LANGUAGES

Arabic : Native Language
English : Fair

TRAINING COURSES AND CERTIFICATIONS

: Training course of Industrial safety precautions.
: Training course of Definition of electrical power stations.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2008 till now
Employer : Middle Delta Electricity Production Company
Project : Nubaria CCPP 2250MW
Job title : Mechanical Maintenance Technician
Job Description :

- Follow up all site mechanical maintenance activities for SIEMENS SGT5-4000F 250MW gas turbines Nubaria CCPP 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 2 Major Inspections the programmed scheduled inspection at 50000 EOH.
- Follow up all site mechanical maintenance AND CONSTRUCTION activities for Alstom 250MW steam turbines Nubaria CCPP such as:
 - INVOLVED IN 1 MAJOR INSPECTION FOR THE ALOSTOM 250MW STEAM TURBINE.
 - INVOLVED IN BEARINGS INSPECTION FOR STEAM TURBINE

AND MODIFICATION FOR BEARING 1.

- INVOLVED IN STEAM TURBINE CONSTRUCTIONS ACTIVITIES IN NUBARIA PROJECT.
- INVOLVED IN STEAM TURBIN COMMISSIONING AND START-UP ACTIVITIES IN NUBARIA PROJECT.
- Follow up all site mechanical maintenance activities for steam turbine Mitsubishi TC2F-35.4" 250MW Nubaria CAPP 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 COMPANY.
 - INVOLVED IN THE PROGRAMED 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" 250 MW 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:
 - 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.
 - 4 Combustion Inspections (CI) Nubaria Site the programmed schedule inspection every 8000 EOH.
 - 2 Combustion Inspections (CI) El-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.
- Follow up all site mechanical commissioning activities for SIEMENS gas turbines SGT5-8000H in BURULLUS CCPP such as:
 - Work as a Mechanical Supervisor commissioning in Burullus 4800MW CCPP power plant under the supervision and instruction for SIEMENS to complete with Siemens commissioning team the pre-commissioning and cold & hot commissioning for THE SGT5-8000H frame.
 - Changing the oil box for turbine bearing.
 - Change turbine bearing tilting pad.
 - Flushing for MBX.
 - Change lift oil pump no off 3.
- Follow up all site mechanical commissioning activities for SIEMENS gas turbines SGT5-8000H in New Capital CCPP such as:
 - Work as a mechanical commissioning in New Capital power plant 4800MW CCPP, in this period I have work with construction and commissioning team as a mechanical fitter for the pre-commissioning and commissioning of SIEMENS gas turbine SGT5-8000H.
 - Changing the oil box for turbine bearing.
 - Change turbine bearing tilting pad.
 - Flushing for MBX.
 - Change lift oil pump no off 3.
 - Inspection for compressor bearing of Siemens gas turbine SGT5-8000H.