

100780-MEC-1MSY-S-1998
Maintenance Technician / Supervisor

Holds a Mechanical Diploma and has about 12 years hands-on experience working as Maintenance Technician / Supervisor at Nubaria Combined Cycle Power Plant.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 02/10/1979
Gender : Male
Marital Status : Married
Residence : El-Behira

EDUCATION

: Mechanical Diploma (Grinding – Machining – Welding) from Industrial Institute (5 years), 1998

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2006 till now
Employer : Middle Delta Electricity Production Company (MDEPC)
Project : Nubaria Power Plant Combined Cycle (3x750MW)
Job title : Mechanical Supervisor
Job Description :

- Work as a HRSG and water treatment and fire fighting Maintenance Technician.
- Selection and Inspection and testing and commissioning and start-up and assembly and disassembly and fix and preventive maintenance for hp/ip and lp (HRSG feed water pump) multi stage.
- Inspection and maintain and testing and repair for all high pressure steam valves types (gate, globe, knife, butterfly, ball and check valves) with different size and type.
- All the routing and preventive maintenance activity.
- Keeping the (4) HRSG (heat recovery steam generator) in reliable condition.
- Maintain and repair piping and coil of HRSG.
- Doing any required modification.

- Inspection and receiving spare parts for contracts (INITEC & ALSTOM & TERMOMICHANIC & BOCARD).
- HRSG water treatment (sewage, potabable, deminlaization, waste and oil separator, phosphate, hyderazine dosing pumps).
- Emergency diesel generator (output 1.5MW) consist of 12 cylinders.
- Maintenance all equipments of fire fighting (all types of deluge valves (preaction, dry, ...etc.), foam system, all types of pumps (diesel, electrical pump and jockey).
- Make hydrostatic test for all underground pipes and for fire fighting pipes with vendor.
- Inspection HRSC (drums, pipes, deareator) for cracks and make treatment for all crakes.
- Make mechanical maintenance for all actuators (pneumatic, motors and hydraulic).
- Make maintenance of steam sample system.
- Inspection and fix of vertical sump pump (golds, ksp ...etc.) and recirculation preheated pump.
- Maintenance of steam turbine (Mitsubishi 2x250MW).
- Make inspection for all main steam vale s of (hp, ip and lp turbines).
- Make inspection of condenser and make plug any leakage pipes.
- Make inspection and fix of (condenser vacuum, condensate, water box vacuum, Closed cooling, lubrication oil) pumps.
- Make maintenance on service and instruments compressors.
- Make major inspection on turbine.
- Inspection on bearings (journal and axial).
- Inspection of hp, ip and lp blades (fixed and moving blades).
- Adjust of clearance between (fixed and moving blades) also between (lyberances of stationary parts and rotor).
- Make alignment of turbine's rotor.