

102767-MEC-1MO-S-1999
Mechanical Maintenance Technician

Holds a Mechanical Diploma and has over 21 years hands-on experience working as Mechanical Maintenance & Operation Technician at Power Stations.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 20/06/1982
Gender : Male
Marital Status : Married
Residence : Gharbia

EDUCATION

: Diploma from Industrial Mechanical Construction Institute, 1999

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

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

TRAINING COURSES AND CERTIFICATIONS

- : Training course for operation of steam turbine (SIEMENS), Ayoun Moussa Power Station.
- : Training course in safety and fire-fighting, Ayoun Moussa Power Station.
- : Training course in gas turbine, Nubaria Power Station.
- : Course about the boilers (ALSTOM), Nubaria Power Station.
- : Course about the type, operation and maintenance of valves by Egyptian Electricity Holding Company, Nubaria Power Station.
- : Course about the safety and fire-fighting, Nubaria Power Station.
- : Training course in Motor Operated Valves (Advanced level), EEHC (Nov. 2015).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2008 till now
Employer : Middle Delta Electricity Production Company (MDEPC)
Project : Nubaria Combined Cycle Power Station (3x750MW)

Job title : Mechanical Maintenance Technician

Job Description :

- Gas turbine and Steam turbine:
 - Make CI to 4 units GE MS9001FA.
 - Make hot gas inspection to 2 units GE MS9001FA gas turbine.
 - Make major inspection to 1 unit GE MS9001FA gas turbine after surge incident.
 - Make minor inspection to 2 units SIEMENS gas turbine.
 - Make hot gas inspection to 2 units SIEMENS gas turbine.
 - Replacing of the combustion chamber tiles (ceramic and metallic).
 - Make major inspection to Mitsubishi TC2S steam turbine.
 - Make major inspection to ALSTOM steam turbine
 - Removing and re-installing the burners, swirls & inserts.
 - Replacing of thermo couples of burners.
 - Replacing the igniters of the burners.
 - Maintenance of blow off valves.
 - Maintenance of Boge compressors.
 - Maintenance of trash racks.
 - Maintenance of traveling screens.
 - Doing the maintenance schedules (daily - weekly - monthly - ...etc.).
 - Maintenance of the Atlas Copco compressors of the air intake.
 - Also, we did together the cold commissioning of the fuel oil for four units of Nubaria Power Station.
 - Also, we did together the hot commissioning of the fuel oil for four units of Nubaria Power Station.
 - Good knowledge about the spare parts of GE MS9001FA gas turbines.
 - Good knowledge about the special tools of the GE MS9001FA gas turbines.
- HRSG (heat recovery steam generation):
 - Maintenance of 4x250MW HRSG Boiler, ALSTOM & STF.
 - Maintenance of Emergency diesel generator (output 1.5MW) consists of 12 cylinders.
 - Inspection and repair for all manual steam valves types (gate, globe, knife, butterfly, ball and check valves) with different size.
 - Make maintenance of steam sample system.
 - Inspection and fix hp and lp (feed multi stages) water pumps.
 - Make maintenance Safety valves, Bypass valves.
 - HRSG water treatment (ammonia, phosphate, hydrazine dosing pumps).
- Water Treatment, Distillation and R.O. (Reveres Osmoses Plant) systems:
 - Mechanical Maintenance about the following equipment: Pumps, valves, blowers, filters, piping, etc.

Dates : From Jun. 2015 till Mar. 2016

Employer : GE

Projects :

- Bani Ghaleb & Assiut (Feb./Mar. 2016)
- New Assiut & Assiut (Jan. 2016)
- El Hamra & Assiut (from Jun. 2015 till Oct. 2015)

Job title : Operation Technician for gas turbine 4x25MW model TM 2500

- Job Description** :
 - Make maintenance on service and instruments turbine.
 - Operate and adjustment and maintenance for center fugal fuel oil skid.
 - Operate turbine from initial start to cool down complete.
 - Make major inspection on turbine.
 - Inspection on bearings (journal and axial).
 - Determine troubleshooting and dissolved it.
 - Clean air filter and fuel oil filter and repair it.
 - Change lube oil for turbine and generator.
- Dates** : From 2007 till 2008
- Employer** : Middle Delta Electricity Production Company (MDEPC)
- Project** : Nubaria Combined Cycle Power Station (3x750MW)
- Job title** : Mechanical Operation Technician
- Job Description** :
 - Alstom HRSG local operation.
 - Follow up all HRSG commissioning.
 - Take hourly reading for all HRSG equipment.
 - Make continues visual review for HRSG valves, pumps and drums problems.
 - During start-up and shut down deal with all valves, pumps and drums.
 - Follow the works in pump house.
- Dates** : From Jul. 2000 till 2007
- Project** : Ayoun Moussa Power Station
- Job title** : Mechanical Operation Technician
- Job Description** :
 - BABKO thermal boilers local operation.
 - Follow the works in thermal boilers 1100 tons/hours.
 - Follow the works in auxiliary boiler from control and local (50 tons/hours).
 - Follow the work in pump house.
 - Follow the work in hydrogen unit.