

102253-MEC-1M-S-2008
Mechanical Maintenance Technician

Holds a Mechanical Diploma and has over 15 years' experience working in maintenance at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Marital Status : Married
Residence : Gharbia

EDUCATION

: Mechanical Diploma, Elsanta High Technical School, 1995

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Aug. 2012 till now
Employer : Middle Delta Electricity Production Co. (MDEPC)
Project : Banha CCPP 750MW, one module consists of:

- Two General Electric (GE) GT 250MW type FA9001 controlled by MARK Vie.
- Two Horizontal Ansaldo Caldaie HRSG controlled by YOKOGAWA DCS (Centum VP).
- One Ansaldo Energia STG 250MW (HP, IP, LP) turbine controlled by STCS (Symphony Harmony Control System by ABB).
- 220KV GIS switchyard.
- Medium and Low Voltage Switch Gear.

Job title : Mechanical Maintenance Technician
Job Description :

- Perform preventive maintenance inspections and service on machines.
- Thoroughly cleans machines and machine parts, removing parts and reinstalling as necessary.
- Oil and lubricate moving parts on machines to ensure effective performance.

- Record and report damaged, worn, or broken parts.
- Order and install replacement parts for machines.
- Identify the causes of unexpected breakdowns of machines.
- Repair broken machines quickly and efficiently.
- Prepare reports documenting work performed.
- Clean, organize, inventories, stocks, and otherwise maintain shop areas, parts, tools and supplies.
- Coordinate with managers to schedule regular maintenance on machines.
- Collaborate with product manager or plant engineer regarding new products being added and modifications that will be required.
- Make necessary modifications and implement tests runs; confers with product manager regarding test results and make additional alterations to machinery as required.
- Perform other related duties as assigned.
- Do periodic and preventive maintenance for Turbine Auxiliaries and BOP Systems included but not limited to following (CW pumps, Condensate pumps, Vacuum Pumps, Ball cleaning system, oil purifier, ST valves, Travel screen, ...etc.).
- Do major Overhaul maintenance for steam turbine under supervision of Manufactures.

Dates : From Jan. 2008 till Jul. 2012

Employer : Middle Delta Electricity Production Co. (MDEPC)

Project : Nubaria CCP

Job title : Mechanical Maintenance Technician

Job Description :

- Troubleshooting, Breakdown, Corrective, Routine and Preventative Maintenance for Combined Cycle Module with the following systems in Power Plant:
 - Two Modules each Module consists of:
 - ❖ Two Siemens combustion gas turbine 250MW type V94.3a.
 - ❖ Two Alstom horizontal type heat recovery steam.
 - ❖ One Mitsubishi steam turbine 250MW type TC2F HP, IP and LP steam lines.
 - One Module consist of:
 - ❖ Two General Electric (GE) CTG 250MW type FA9001.
 - ❖ Two Horizontal STF HRSG.
 - ❖ One ALSTOM STG 250MW (HP, IP, LP) turbine.
 - 220KV switch yard.
 - 500KV switch yard.
 - Four tie transformers 500/220KV.
 - Medium and low voltage switch gear.
- Do major Overhaul maintenance for steam turbine under supervision of MHI.