

100231-MEC-MS-E-2001 Mechanical Maintenance & Commissioning Engineer

Holds a B. Sc. in Mechanical Power Engineering and has about 10 years experience working in power plants in the field of maintenance, commissioning and start-up.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 07/03/1978
Marital Status : Married

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2001
: Power Station Diploma, Alexandria University, 2011

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel), Internet
: AutoCAD

TRAINING COURSES AND CERTIFICATIONS

: HVAC training in Don Bosco Institute.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Feb. 2010 till now
Employer : NEM Industrial & Utility Boilers
Project : EI-Atf Power Station Site
Job title : Boiler Maintenance, Commissioning & Start-up Engineer
Job Description : Commissioning of NEM's Heat Recovery Steam Generators attached to Exhaust of Gas Turbines activities:

- HP valves M.O.V. & Emerson Pneumatic control valves testing & maintenance.
- Dresser Safety Valves testing & maintenance.
- Closely follow up erection plan, fixation, supports, welding, flushing procedure, pump alignments, hydro tests and insulation of piping.
- Chemical Dosing System (Watcon) testing & maintenance.
- Sampling System (Watcon) testing & maintenance.

- HRSG, Boiler & Drums internal inspections.
- Vibration Measurements.
- Aligning harps panels.
- Drums internal inspections (install strainer & separator after steam blow).
- Coordinate with client for necessary inspections and walk downs.
- Material receiving inspection.
- Coordinate and reporting with head office.
- Closely follow up daily activities such as cutting, thickness check, dimensional check, lifting, safety precaution, assembly, fixation, final dimensional check and fit up before welding.
- Follow up for lifting procedure for heavy weights parts such as drums, harps.
- HRSG tuning and optimization.
- Painting inspection.
- All preparation for steam blow works: installation of temporary piping, removing all orifice and flow elements, removing internal parts for some valves according steam blow procedure.

Dates : From 2005 till Jan. 2010
Employer : West Delta For Electric Production Company
Project : Power Station Electric Production
Job title : Boiler Maintenance Engineer
Job Description :

- Boiler Maintenance.
- Rebuild Boiler after furnace & wind box explosion.
- Chimney rebuild & inspection.
- M.O.V. & Pneumatic control and manual valves testing & maintenance.
- Aligning Boiler water tube panels.
- Heat Exchangers maintenance.
- Reciprocating & screw compressor maintenance.
- Forced draft fan maintenance.
- Ljungström Air Preheater maintenance.
- Ljungström sealing adjustment.
- Multistage centrifugal, screw & gear pumps maintenance.
- Repair leakage from daily fuel storage tank.
- Vibration measurements.
- Turbo Machinery and rotating equipment.
- Oil and gas field.

Dates : From 2003 till 2005
Employer : Covered Draining-Irrigation Ministry
Job title : Maintenance Engineer
Job Description :

- Heavy Machine and rotating equipment maintenance.
- Engine overhaul.
- Hydraulic system maintenance.

Dates : From 2002 till 2003
Employer : Chemonics Egypt
Job title : Construction Engineer