

Holds a B. Sc. in Mechanical Power Engineering and has about 14 years hands-on experience, including 9 years working in maintenance at El-Kureimat Power Station.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 22/02/1981
Gender : Male
Marital Status : Married
Residence : Beni Suef

EDUCATION

: B. Sc. in Mechanical Power Engineering, Cairo University, 2003

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD
: Visual Basic and Fortran programming

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jun. 2009 till now
Project : El-Kureimat Power Station 2x627MW steam cycle
Job title : Mechanical Maintenance Engineer
Job Description :

- Carrying out overall maintenance for the boiler (627MW).
- Valves (Globe – Gate – Ball – Needle – check – Butterfly – control valve) maintenance & lapping for valves – check the spare parts and change (seat, disk, stem) for valves such as (safety – atomizing – drain –vent – shutoff for gas and oil fuel – deluge v/v for firefighting system) valves.
- How to calibrate and adjust mechanical safety valves by hydro set test.
- Maintenance of pumps (centrifugal Pump – Screw Pump – vane Pump – diaphragm Pump – sump pump – submerged pump) such as (reboiler pump, oil fuel pump, air heater wash pump, service water pump, blow down submerged pump, additive pump) & make Alignment for pumps – check the spare parts and change the (shaft, impeller, mechanical seal, bearing....) for pumps.

- Maintenance of fans (forced draft fan – gas recirculation fan – seal air fan – flame scanner fan – stack fan) check the spare parts and check inboard & outboard Bearing and change the outboard bearing & oil rings for forced draft fan and make Alignment for fans & check the coupling and greasing it for fans.
- Air pre-heater: change the cold and hot basket & radial and axial seal plate and adjust it & check the upper and lower bearing and change the upper bearing & free wheel and air motor for air pre heater.
- Steam Coil Air Heater: test the steam coil air heater leakage and repair it.
- Gas spuds & oil gun check.
- Dampers: check inlet air damper for the wind box of boiler & change the bearing and maintenance the piston cylinder for it.

Dates : From May 2004 till May 2009
Employer : Beni Suef for Insulating and Packing Co.
Job title : Production Engineer