

Holds a B. Sc. in Mechanical Power Engineering and has over 13 years hands-on experience working in maintenance, operation and commissioning at Damanhour Power Plant.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 02/01/1986
Gender : Male
Marital Status : Married
Residence : Damanhour

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2008

LANGUAGES

Arabic : Native Language
English : Excellent
French : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: Acrobat Reader

TRAINING COURSES AND CERTIFICATIONS

: Thermal processes and equipment's in steam and gas power plant in West Delta Electricity Production Company (Aug. 2006 & Jul. 2007).
: Pumps maintenance in Alexandria Petroleum Maintenance Company (Aug. 2007).
: Pumps maintenance, EAAC Training Group.
: Vibration Monitoring Analysis, EAAC Training Group (Feb./Mar. 2007).
: Lubrication, EAAC Training Group (Feb./Mar. 2007).
: Courses in maintenance and operating gas and steam stations.
: Several courses in safety and safe operation methods.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Dec. 2010 till now
Employer : West Delta Electricity Production Company (WDEPCo.)

Project : Damanhour Power Plant

Job title : Mechanical Maintenance & Commissioning Engineer

Job Description :

- TURBINE: ANSALDO Turbine 325MW (TCDF).
- PUMPS: Condensate / Feed water pumps (high pressure / multi-stages pumps full overhaul maintenance supervision).
- Site Coordination and supervision all mechanical job, and all activities, as per the required time frame and according to manufactures recommendations (Ability to lead overhaul team to organize of works).
- Arrangement of Spare Parts & Material & necessary Special Tools & inventory, follow up and coordination machine shops inside and outside the plant, to meet the activities consideration.
- Guidelines for the job with, construction & technical drawings, documentation details of equipment and computer-generated reports.
- Follow up the job orders (repairing - commissioning - installations - maintenance).
- Review service process and operations reports and decide a necessary action.
- Supervise and Manage the scheduled and life time extension outage planes on site for different components and of the Steam Turbines.
- Investigation, Modification, Examining Equipment Performance Before and After Repairs, development and implementation of engineering solutions to meet specifications.
- Preparation for Non-Destructive Tests, Alignment facilities.
- Supervised the complete overhauls for vertical (cooling water, condensate) pumps.
- Supervised the complete overhauls for vertical (cooling water, condensate) pumps, Supervised the complete overhauls for various horizontal pumps.
- I have also additional working knowledge in many systems like main steam, feed water circuit, cooling water, chemical treatment, and compressed air systems.
- Site Coordinator for:
 - MAJOR overhauling under the supervision of Ansaldo Energia S.p.a - Italy (from Nov. 2011 till Sep. 2012).
 - MAJOR overhauling for Boiler Feed Water Pump Turbine (8.8MW) executed by Ansaldo Energia S.P.a – Italy team (from Feb. till Apr. 2012).
 - Intervention for disassembly and reassembly H.P turbine for gland steam leakage (Oct. 2015).
 - LP Turbine overhauling, and Replacing Complete Stage executed by Ethos Energy – Poland team (from Nov. 2015 till Feb. 2016).

Dates : From Dec. 2008 till Dec. 2010

Employer : West Delta Electricity Production Company (WDEPCo.)

Project : Damanhour Power Plant

Job title : Shift Charge Engineer

Job Description :

- Coordination with the national control of energy in connecting and disconnecting the station switchyard to the unified grid 220KV, increasing and decreasing the unit load.
- Preparing for execution of work orders on the tasks of the unit by

- maintenance.
- Execution of instructions to start-up and shut down the unit for maintenance.
 - Preserve the unit implements during operation or in any state of emergency.
 - Prepare the daily power station reports.
 - Unit components:
 - Boiler: BABCOOK WILCOX, Natural Circulation Boiler (1050 ton/h – 165 bar – 540 °C).
 - Turbine: ANSALDO Turbine 325MW.
 - Generator: Rating power 422 KVA - Armature voltage 22KV.