

Holds a B. Sc. in Mechanical Power Engineering and has over 5 years hands-on experience in operation and maintenance of Damanhour Power Plant.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 22/08/1981
Marital Status : Married

EDUCATION

: B. Sc. in Mechanical Power Engineering, Minia University, 2005

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Training course from Abu Qir Training Center in Boiler maintenance.
- : Training course from Abu Qir Training Center in steam power station's auxiliaries maintenance (pumps, valves and compressors).
- : Training course from Abu Qir Training Center in Pumps maintenance.
- : Training course from ABB in Harmony Architecture Harmony H/W and S/W configuration module configuration with Function Code and Composer PGP 3.X operator workplace introduction and operation.
- : Training course from Abu Qir Training Center in Operation of Combined Cycle power station (Gas Turbine and Steam Turbines).
- : Training course from Abu Qir Training center in Diesel power station (operation and maintenance).
- : Training course from Abu Qir Training Center in Abnormal operation and generic malfunction of power stations.
- : Training course from Abu Qir Training center in High voltage Grid maneuvering.
- : Training course from Abu Qir Training center in Power plant Start-up and Commissioning.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jun. 2006 till now
- Employer** : West Delta Company for Electricity Production
- Project** : Damanhour Power Plant
- Job titles** :
 - Mechanical Maintenance Engineer (from Jun. 2008 till now)
 - Shift Operation Engineer (from Jun. 2006 till Jun. 2008)
- Job Description** : Responsibilities:
- 4 Gas turbines (GE frame 5).
 - 4 Heat Recovery Steam Generators (HRSG) generating 200 t/h of superheated steam at 500^o c & 50 bar.
 - HRSG's auxiliaries and piping.
 - 4 Multistage horizontal feed water pump.
 - Boiler's chemical injection system.
 - Water treatment plant using (Ion exchange) technology.
 - Liquid fuel treatment system (filters and centrifugal purifiers).
 - Natural gas filter separator and pressure reducing station.
 - Plant Fire fighting system (Pumps, foam skids, piping, deluge systems, sprinklers, detectors, stand pipes and hose racks).
- Duties:
- Assure optimization of the Maintenance Organization structure.
 - Analysis of repetitive equipment failures.
 - Estimation of maintenance costs and evaluation of alternatives.
 - Forecasting of spare parts.
 - Assessing the needs for equipment replacements and establish replacement programs when due.
 - Application of scheduling and project management principles to replacement programs.
 - Assessing required maintenance tools and skills required for efficient maintenance of equipment.
 - Assessing required skills required for maintenance personnel.
 - Reviewing personnel transfers to and from maintenance organizations.
 - Assessing and reporting safety hazards associated with maintenance of equipment.