

Holds a B. Sc. in Mechanical Power Engineering and has more than 9 years hands-on experience in operation, maintenance and construction of power plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 15/09/1980
Marital Status : Married

EDUCATION

: B. Sc. in Mechanical Power Engineering, Helwan University, 2002

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD
: MS Project

TRAINING COURSES AND CERTIFICATIONS

: Revit Diploma from Russian Culture Center (Autodesk certified).
: Alstom Steam turbine operation & maintenance off-site training (Switzerland and Germany).
: Basics and site specifics training courses, constituting a program of concentrated study of power plant equipment and systems theory and application in Shoubra El-Kheima Power Plant Training Center.
: The methods of measuring the efficiency of generating units (Sep. 2005).
: Steam surface condenser and heat exchanger maintenance.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2011 till now
Project : 6th October Power Plant (4x150MW Gas Turbine)
Job title : Technical Office Engineer

- Job Description** : Responsible for review:
- The power plant mechanical design and components.
 - The contractors Technical Submittals according to standards & contract.
- Dates** : From Nov. 2006 till Dec. 2010
- Employer** : Cairo Electricity Production Company
- Project** : El-Tebbin Steam Power Plant (2x350MW)
- Job title** : Mechanical Power Engineer
- Job Description** :
- Responsible for project analysis and mechanical construction inspection for the following components:
 - 2 steam turbine generators and condensers (Alstom).
 - Power block pumps, Feed water heaters and Air Compressors.
 - Supervise the installation for the following packages:
 - 2 Steam turbine generators and condensers.
 - Mechanical equipment and piping installation.
 - Water treatment system.
 - Review and analyze the technical specifications of tendered consultancy bids and contractor proposals.
 - Evaluating different bids and prepared reports on bids and proposals and participate in meetings with consultants and contractors to amend their proposals in order to meet the Power Plant requirements.
 - Evaluating in review the design for different packages (equipments, processes, etc.):
 - Steam turbine.
 - Pump house (circulating water pumps, service water pumps and raw water pumps).
 - Power block (feed water pumps, feed water booster pumps, condensate pumps and closed cooling pumps).
 - Mechanical construction.
 - Critical pipes and valves.
 - Feed water heaters.
 - Negotiation with the selected vendors:
 - Alstom power generation (steam turbine).
 - Ansaldo Caldaia (Steam generators).
 - Walter Tosto (Feed water heater).
 - Termomechanica (Pump house).
 - Initec Energia (Mechanical construction).
- Dates** : From Oct. 2004 till Oct. 2006
- Project** : Cairo West Steam Power Plant (2x330MW)
- Job title** : Maintenance Engineer
- Job Description** :
- Perform regular preventive maintenance and troubleshooting for the following equipments:
 - 2 Siemens Steam Turbines.
 - Flowserve feed water pumps.
 - Centac air compressors.
 - Valves (different types).

Dates : From Mar. 2004 till Oct. 2004
Project : Cairo West Steam Power Plant (2x330MW)
Job title : Shift Engineer

Dates : From Jun. 2003 till Mar. 2004
Project : Shoubra El-Kheima Steam Power Station (4x315MW)
Job title : Shift Engineer