

Holds a B. Sc. in Electrical Power Engineering and has over 13 years hands-on experience working in operation at Sidi Krir Power Station.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 02/10/1978
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Electrical Power Engineering, Alexandria University, 2003

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet
: AutoCAD
: Programming using Matlab and Basic
: Ecodial and ETAP 4.7
: Lighting design programs Calclux and Dialux

TRAINING COURSES AND CERTIFICATIONS

: Training in Transporting & Engineering Company for tires production:
• Tires production line.
• M/C maintenance.
: Training in Egypt Petrochemical Company: Production lines & substation 66/11KV.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From May 2004 till now
Employer : West Delta Electricity Production Company
Project : Sidi Krir Power Station (4x320MW)
Job title : Operation Engineer

- Job Description** :
- Boiler, turbine, generator, feed water pumps, circulate pumps and all plant auxiliaries through DCS system, Operation of desalination plant through DCS system (multi flash chamber desalination plant).
 - Off-shore training by NEM Co. in Netherlands for 4 weeks on the following:
 - HRSG operation and maintenance.
 - HRSG control and instrumentation.
 - HRSG water chemistry and safety.
 - Electrical operation of heavy industrial turbine driven generators & their auxiliaries.
 - Control systems (PLC, DCS & SCMS).
 - Excitation control systems.
 - Switchyard (500KV), with GIS, Double B.B. with Double C.B.
 - Switchyard (220KV), with GIS, B.B type of one & half C.B.
 - Transformers:
 - Auto Trans. (220/500KV) - (3 x 167 MVA).
 - Main XFMR (21/220KV) - (237/315/395 MVA).
 - Start-up XFMR (220/6.3/6.3KV) - (24/32 MVA).
 - Auxiliary XFMR (21/6.3/6.3KV) - (24/32 MVA).
 - Circuit breakers:
 - SF6 C.B (500KV).
 - SF6 C.B (220KV).
 - Vacuum C.B (6.3KV).
 - Air C.B (380 V).
 - Generator (21KV).
 - Emergency diesel (380 V) - (1.25MW).
 - U.P.S (125V DC, 110V AC, 220V DC, 48V DC).
 - Maneuvering & processing unit S / Y, switch gear, rectifiers, motors, L.C & MCC.
 - How to read drawings.
 - 500KV GIS Commissioning by SIEMENS, tests, operation, monitoring.
 - SIEMENS Training protection, Auto transformer, SCM and GIS operation courses in SIDI KRIR.
 - Responsible for training new Engineers on Electrical Operation requirements.

- Employer** : Alex. West district
Job title : Electrical Engineer in electrical & mechanical projects department
Job Description :
- Illumination.
 - Electrical load distribution.
 - Diesel operation.

- Employer** : Egyptian Army (Air Defence Forces)
Project : Military Service
Job title : Officer
Job Description :
- Diesel operation & maintenance.
 - Electrical & Mechanical maintenance of several equipments.