

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 25 years of hands-on experience in maintenance engineering and maintenance for synchronous generators, excitation system, batteries and chargers, power transformers and its auxiliaries.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 27/05/1962
Marital Status : Married

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Menofya University, 1985

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel)

TRAINING COURSES AND CERTIFICATIONS

: Power Units Local Control Boards in Germany (1996).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 1992 till now
Employer : Aswan HPGC
Project : Aswan 1 Hydro Power Station
Job title : Senior Electrical Maintenance Engineer
Job Description : Maintenance for the following:

- 49.5MVA Synchronous Generators.
- Excitation System.
- 11KV/132KV Power Transformers.
- 11KV/3.3KV Distribution Transformers.
- 11KV/0.4KV Auxiliary Transformers.
- Low voltage Equipment.
- 200 - 700AH Batteries.
- Battery Chargers.
- 11KV & 132KV SF6 Circuit Breakers.

- : Worked as an inspection engineer for Aswan 1 Power Plant Rehabilitation Project Performed by ABB Germany in favor of Egyptian Electricity Authority as he was responsible for the following:
 - Handing-over of unit/generator local control boards in Germany (ABB) IN May1994.
 - Handing-over of 132KV bus-bar voltage Transformer (outdoor) and 132KV Isolator contacts in Sweden (ABB).
 - Handing-over of 0.4KV Distribution Boards & 0.4KV Motor Control Centre.
 - Boards for generating units in ABB ARAB premises, Egypt.
 - Close supervision of electrical installation works, in particular:
 - Generator parts installation (stator, rotor, coolers, etc.).
 - Installation of main and auxiliary transformers.
 - AC & DC distribution including cable laying.
 - Static excitation system.
 - Taking part in meetings and negotiations for technical and contractual matters.
 - Technical drawings check considering specifications and standards.
 - Witnessing workshop and site electrical tests.
 - Evaluation of the operation and maintenance Manuals for particular tasks above.
 - Evaluation of contractor's work progress for particular tasks above.
 - In addition to preparing and performing a major reconditioning for 16 SF6 Circuit breakers 145KV Type: HGF112/1 in Aswan 1 substation.

- Dates** : From 1987 till 1992
- Employer** : Aswan HPGC
- Project** : Aswan 1 Hydro Power Station
- Job title** : Junior Shift Operation Engineer
- Job Description** : Operating:
 - Kaplan Turbines 46MW.
 - Synchronous Generators 49.5MVA.
 - 11KV/132KV Power Transformers.
 - 11KV/0.4KV Auxiliary Transformers.
 - 0.4KV Distribution Boards.
 - Station Control Room.
 - Disconnection & Connection of 11KV & 132KV Electrical Equipment.
- : Worked as an instructor to present electric courses to technicians and shift Engineers within the Aswan 1 Hydro Power Plant in the following courses:
 - Synchronous generators.
 - Power transformers and auxiliary transformers.
 - Batteries & Chargers.
 - 132KV & 11KV Circuit Breakers.

- Dates** : From 1985 till 1987
- Project** : National Military Service