

Holds a B. Sc. in Electrical Power Engineering and has about 15 years hands-on experience working in motors, generators & transformers rewinding and overhauling, operation and commissioning.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 11/11/1979
Gender : Male
Marital Status : Married
Residence : 10th of Ramadan City

EDUCATION

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

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

: Windows, MS Office, Internet
: CAT ET - Perkins EST - CAT SIS - Waukesha ESP - Matlab - electronic workbench - circuit maker - zelio plc simulator - AutoCAD

TRAINING COURSES AND CERTIFICATIONS

- : A course in automatic control in Salesian Institute Don Bosco with certificate from the Italian Embassy.
- : Field training in the Iron and Steel Co. for a month.
- : Training in Alstom Co. in its project for replacing the control network system in Egypt Iron and Steel Co. for 3 months.
- : Siemens online courses:
 - Basics of Electrical Products.
 - Basics of Electricity.
 - AC Drives.
 - AC Motors.
 - Control Components.
 - DC Drives.
 - General Motion Control.
 - Motor Control Centers.
 - PLCs.

- Sensors.
- : Automation solution guide from Schneider Electric.
- : English Discoveries english course from the AUC.
- : Service information system (SIS) from Caterpillar.
- : Understanding electrical networks from Schneider Electric.
- : MV Protection Relay Applications from ABB.
- : Workshop Overview EE800 from Haward Technology - Generators: operation, maintenance, control, testing & troubleshooting.
- : Operation and maintenance of large turbo-generators from IEEE.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From 2005 till now
- Employer** : Egyptian Maintenance Co. (EMC)
- Job Description** :
- Motor, generator and transformer maintenance (low voltage – medium voltage).
 - Diesel and Gas gen-set repairing and commissioning (CAT, Cummins, MAK, Perkins, Waukesha,etc.).
 - ATS and Synchronizing panels commissioning and operation.
 - Work as Operator and Maintenance Engineer in Ras Garra fields power station, Petrobel Co. for 3 years.
 - Zafarana project for installing 2 MVA marine generator and low voltage switchboard.

- Dates** : From 2004 till 2005
- Employer** : Egyptian Carbon Products Co. (Egycarbon)
- Job Description** :
- Electrical Machines Engineer (testing - repairing - rewinding - maintenance) & sales.
 - Rewinding and maintenance for AC motors, DC motors.
 - Agent for many European and Indian companies in machine spare parts (motors and generators).

- Field of experience** :
- Motors, generators & Transformers rewinding and overhauling (Workshop Supervisor):
 - Rewinding 11KV, 2.4MW and 220kw motors for Ezz Steel Co. (ANSDK).
 - Overhauling 11 vertical motors 11KV, 850kw for water treatment stations.
 - Rewinding 6.6KV, 180kw motor for Petrochemicals Co.
 - Rewinding many ac and dc motors for Beni Suef Cement Co.
 - Overhauling of 1.5MW dc motor in Beni Suef Cement Co.
 - Rewinding and overhauling many generators for petroleum companies.
 - Rewinding syn motor 630 kw, 6.6KV, 176 rpm for APRCO.
 - Commissioning and control systems:
 - Maintain the control system of 4 CAT G3516 gas + 3 CAT 3512 diesel gen-set including their protection and synchronizing panels in Ras Garra power station at Petrobel Co.

- Installing of soft starter units for 250 kw for oil production pumps in Ras Gara power station.
- Installing three ATS systems for Helwan Metro stations.
- Commissioning and start-up for marine MAK generator.
- 2MVA and low voltage switchgear (11 cell).
- Protection: Familiar with various protection schemes including electro-mechanical relays and modern digital modules.
- Field Trainer: Lecturer for (operation and maintenance for Cat diesel engines) to some petroleum & cement companies maintenance crews.