

Holds a B. Sc. in Electrical Power Engineering and has over 12 years hands-on experience, working mainly in design, technical office and testing / commissioning.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 28/09/1982
Gender : Male
Marital Status : Single
Residence : Cairo

EDUCATION

: B. Sc. in Electrical Power Engineering, Zagazig University, 2004
: Preparing Master (Specializing: generation & utilization of electric energy)

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD
: ETAP
: Ladder language (PLC language)
: Cape program
: E3 program (schematic software)

TRAINING COURSES AND CERTIFICATIONS

: Protection of transformers (in Ministry of Electricity) (Jan. 2010).
: Protection of high voltage line (in Ministry of Electricity) (2009).
: Protection course level 2 (in Ministry of Electricity) (2009).
: Protection course level 1 (in Ministry of Electricity) (2007).
: New Engineers course (in Ministry of Electricity) (2006).
: Summer trainings at:

- Shoubra Electrical Power Station (2003).
- Gulf of Suez Petroleum Company (GUPCO) (2002 & 2003).
- Ideal Factory for electric devices (2001).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Sep. 2011 till now
- Employer** : MEGA for Construction & Industries
- Job Description** : • Control and Protection design Team Lead:
Senior and Group Leader in secondary department at MEGA Co., Shared via my experience and effort with my colleagues to achieve the following tasks:
- All Coordination and base design package for power plants and for substations that consist of the following:
 - Study and execute the project time schedule.
 - Collect and get any missing data that will be delay the submittals to engineering department.
 - Coordinate between the consultant, main contractor, and procurement to make sure about required equipment and components.
 - Preparing the project single line diagram (SLD).
 - Preparing the project relay and metering SLD.
 - Preparing the project protection logic diagram (PLD).
 - Preparing (AND / OR) logic diagram.
 - CT Calculation.
 - VT Calculation.
 - AC Logic diagram.
 - DC Logic diagram.
 - Technical Offers evaluation.
 - The above mentioned tasks had achieved for the following projects:
 - AL QURAYYAT EXT. II POWER PLANT (KSA).
 - AL AZIZIA-3 (110 / 13.8KV) S/S (KSA).
 - POWER PLANT NO 10 COMBINED CYCLE STAGE (KSA).
 - EL SIUF 220/66KV S/S (EGYPT).
 - BAHTEEM 220/66KV S/S (EGYPT).
 - CAIRO WEST 220/66KV S/S (EGYPT).
 - All shop drawings, detail design and schematic for protection and control panels that consist of the following:
 - Preparing the project interface tasks (Signal lists, terminal lists, and cable lists).
 - Making a schematic drawing by E3 program for control, metering, automation, and protection panels.
 - The above mentioned tasks were achieved at following projects:
 - AL QURAYYAT EXT. II Power Plant (KSA).
 - EL SIUF EXT. II 220/66KV S/S (EGYPT).
 - CAIRO WEST EXT. I 220/66KV S/S (EGYPT).
 - BAHTEEM EXT. I 220/66KV S/S (EGYPT).
 - KING ABDULAZIZ INTERNATIONAL AIRPORT (KAIA) (KSA).
 - ALHADABA 220/66KV S/S (EGYPT).
 - NEW WEST DAMIETTA (ORASCOM) (EGYPT).
 - NEW ASSIUT (ORASCOM) (EGYPT).
 - Relay setting, and coordination study for P/P and S/S:

- Professional in setting studies for EHV, HV and MV for S/S and power plant SWGRs.
- The above mentioned tasks were achieved at following projects:
 - AL QURAYYAT EXT. II PP (KSA).
 - Cairo Festival City Mall (CFC) (EGYPT).
 - AL QASSIM EXT. III PP (KSA).
 - POWER PLANT NO 10 COMBINED CYCLE STAGE (KSA).
 - POWER PLANT NO 10 C1 BLOCK (KSA).
- TENDER DEPT.:
 - Preparing the project BOQs and BOM for the following:
 - Protection and control system (panels, relays, accessories).
 - Control cables for the system (interface cables).
 - Offers evaluation.
 - The above mentioned tasks were achieved at following projects:
 - OHOD 110KV S/S (KSA).
 - RABIGH PP (KSA).
 - AL BALAD 110KV S/S (KSA).
 - AL BAWADY 110KV S/S (KSA).
 - AL BAYDA 110KV S/S (KSA).
 - OHOD 110KV S/S (KSA).
 - GABAL EL ZAYT PP (EGYPT).
 - CAIRO WEST 500/220KV S/S (EGYPT).
 - ASSIUT GIS 500/220KV S/S (EGYPT).
 - EL-TEBBIN 500/220KV S/S (EGYPT).
 - ZAHRAA AL MAADI 500/220KV S/S (EGYPT).
 - AL MAASARA 66KV S/S (EGYPT).

Dates : For 3 months
Employer : ThyssenKrupp
Project : Shamyia II Substation 110/13.8KV in Makkah – KSA
Job title : Commissioning Engineer
Job Description :

- Commissioning of the following relays: REF 615, 7SD 52x, 7SJ 61x, 7SJ602, MICOM P122, RED 670, ENERGY METERS (ELSTER), multifunction meters TMN.
- Working on CT analyzer.

Dates : From May 2007 till Sep. 2011
Employer : Ministry of Electricity – Egyptian Electricity Transmission Co. – Central Section of protection (Rood Elfarag)
Job Description :

- Testing department:
 - Commissioning & programming & setting the following devices:
 - ITE81, SPAF 140C, REF 615, RET 541 (ABB).
 - 7RW6000, 7SA522, 7SA610, 7SA611, 7SJ 803 (SIEMENS).
 - MICOMP441, MICOMP442, MICOMP435, MICOMP132 (AREVA).
 - ARGUSE 7SR22 (REYROLL).
 - Good working with OMICRON CMC 256 (tester).
 - Good working by OMICRON CMC 356 (tester).
 - Good working by Freja.
- Setting department: Calculate the setting value of all relays (ABB &

AREVA & SIEMENS) in the substation (primary & secondary).

- Primary Injection: Measuring the parameter of over head lines and under ground cables primary injection by OMICRON CPC 100.

Dates : From Aug. 2006 till May 2007
Employer : Ministry of Electricity – Electricity Distribution Co.
Job Description : Maintenance of LV & MV cables, 380V & 11KV.

Dates : From Feb. 2005 till Feb. 2006
Job Description : Real Estate field.