

Holds a B. Sc. in Electrical Power Engineering and has more than 23 years hands-on experience working in the field of installation, maintenance, commissioning, start-up and quality control.

PERSONAL DATA

Nationality : Egyptian
Gender : Male

EDUCATION

: B. Sc. in Electrical Power Engineering, Cairo University, 1987

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Comprehensive training by Siemens for the following:
- Transformers.
 - Instrumentation and Control.
 - Power Plant Operation: Start-up, Shut-down, Malfunctions.
 - Steam Turbine with Auxiliaries.
 - Steam Turbine Controller and Automatic Tester.
 - Steam Turbine Operation Procedures.
 - Water-steam Circuit, Design, Function and Operation.
 - Boiler with Auxiliaries.
 - Boiler Control Systems and Operation Procedures.
 - Power Plant Auxiliaries.
 - Water Chemistry.
 - 3-Phase Generator with Subsystems.
 - Alarms and Trips Procedures.
 - J & C Components for Generator.
 - Functional Diagrams.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Aug. 2008 till Sep. 2009
Employer : Hill International J.V. Talat Mostafa Group
Project : Nile Hotel Project (Garden City, Cornice El-Nile, Cairo)
Job title : Electro-Mechanical Manager
Job Description :

- Electro-mechanical QA/QC.
- Revision of the pendant items.
- Follow up the remaining submittals and materials.
- Independent contractors follow up.
- Monitoring work activities, organization and rates.

Dates : From Nov. 2007 till Mar. 2008
Employer : SIEMENS
Project : Grand Egyptian Museum
Job Description : QC Engineer for all electrical systems.

Dates : From Sep. 2004 till Oct. 2007
Employer : SIEMENS
Project : Children Oncology Hospital (57357), El Sayeda Zeinab
Job title : Senior Electrical Construction Engineer
Job Description : Responsible for field engineering shop drawing, field change and execution of the work for the following (including installation, commissioning, start-up and final acceptance test):

- Lighting systems.
- Power systems.
- Low current systems.

Dates : From Oct. 2003 till Aug. 2004
Employer : TEC for Engineering & Contracting – subcontractor of WESTINGHOUSE Design drawing
Project : Ataka Power Plant Generation (2x150MW + 2x300MW) Control Upgrade Project
Job Description :

- Design control circuits for replaced & new instrumentation.
- Marshalling to ovation circuits.
- UPS system for modified central control room & instrumentation.
- Database sheets.
- Schematic wiring loop diagram.
- Cable list for the 4 units of station.

Dates : From Mar. 1998 till Oct. 2003
Employer : Alexandria Company for Construction & Contractor (Talaat Mustafa), ORASCOM Company for Construction & Industries
Project : City Stars - Golden Pyramids Plaza Project (Heliopolis, Cairo):
This project is big compound inclusion of hotels five stars (Le Meridian, Holiday Inn & Intercontinental Heliopolis), 13 commercial malls and 10 high rise building investment cost 600 million dollars - total area of project 120.000 MT².

Job title : Senior Construction Engineer for Electrical and Control System
Job Description :

- Pioneer Electrical Engineer for five stars work of electric systems according to international code and create as built drawing.
- Responsible for field engineering shop drawing, field change and execution of the work for the following (including installation, commissioning, start-up and final acceptance test):
 - MCC
 - HV transformers 1600 KVA power and control.
 - HV switchgear power and control.
 - Diesel generator set power and control.
 - Automatic transfer switch.
 - Main distribution boards.
 - Wiring and cabling (11KV & LV).
 - Power and lighting panel board.
 - Bus bar trunking.
 - Substation and low voltage earthing grid.
 - Lightning protection system.
 - Fire alarm system and station.
 - Telephone distribution cabinet Intercom system.
 - TV, radio and satellite reception system.

Dates : From Dec. 1994 till Nov. 1997
Employer : Water and Sewerage Authority Madina Munwara - Saudi Arabia
Project : Raw Sewage Water Treatment Plant
Job title : Electrical Maintenance Engineer
Job Description : Electrical Maintenance for the power and low current systems in the following duties:

- Generators (3x1500KVA, 13.8KV) control system & operation system.
- Main transformers (13800/380V), capacity of 1600KVA, 1000KVA and 630KVA.
- Motors and power control system.
- Field instrument and control circuits.
- Chlorine injection automatic system and chlorine gas leakage detectors and water sampling system.
- Fire alarm system.
- Plant telephone central 54 interior lines + 3 exterior lines.
- DC, charger (110 VD.C and 25 AD.C).
- Central air condition control system.
- Execution of cable routing, lighting and protection circuit for the plant extension and connection of low sewage plant auxiliaries to supply from the new plant.

Dates : From May 1993 till Dec. 1994
Employer : Water and Sewerage Authority Madina Munwara - Saudi Arabia
Job title : Owner Engineer
Job Description :

- Supervising the operation and maintenance of sewerage network.
- Responsible for maintenance of network, raising station.
- Supervising the contractors' works and processing their payment invoice.

Dates : From Dec. 1987 till Aug. 1992
Employer : Egypt Electricity Authority
Project : Atka Power Plant Generation (located in Suez):
Steam turbine 2x150MW + 2x300MW
Job title : Operation Engineer
Job Description : As Testing, Performance, Start-up, Commissioning & Operation Engineer
responsible for boilers operation and after maintenance test.