

Holds a B. Sc. in Electrical Power, Machines & Control Engineering and has about 4 years hands-on experience in the field of electrical design.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Electrical Power, Machines & Control Engineering, Alexandria University, 2007

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: Matlab, Simulink, AutoCAD
: Programming of pic microcontroller packages
: Programming of programmable logic control (PLC)

TRAINING COURSES AND CERTIFICATIONS

: Training in Abu Qir Fertilizers Company (unit 2 & 3), training visit to Sidi Krir electrical generation plant (pot. unit 3 & 4), 2006.
: Training in Egyptian iron and steel company, 2005.
: Training in Abu Qir Fertilizers Company (unit 1), 2004.
: Training In Faculty high voltage Laboratory, 2003.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2008 till now
Employer : DAR AL-HANDASAH

- Projects** : • Abraj El-Bait Towers in El-Haram zone in Saudi Arabia
• King Saud University for Health Sciences:
- For Riyadh site (Children's specialized Teaching Hospital, Generator Plants, Water Treatment Plant, Boiler plant, Fuel Tanks, Lifting Pump Station and MV Distributor).
- For Jeddah site (Generator Plants, College of Nursing, Utility water tank building, Fuel tank, MV Distributor and Domestic water station).
- For El Hassa site (Generator Plants, Lifting Pump Station and MV Distributor).
- Job title** : Electrical Engineer
- Job Description** : Working in the field of electrical design in power industry, commercial, residential, educational and hospitals.
• Performing consulting and coordinating with other departments and clients and design of all electrical installations according to international standards & country codes (NEC, BS, IEC, etc) including complete design and installation of:
- Indoor & outdoor lighting system using relevant software (Dialux), Substation medium voltage switchgear, Transformer, Low voltage switchgear, Distribution board, Distribution panel, UPS system, Electrical outlets for medical equipments and medical imaging machines, Single line diagram of LV & MV networks, Single and Three phase panel boards, Motor control center (MCC) and Motor control panel (MCP) for all mechanical equipments (Fan cool units, Air handling units, Water pumps, Chillers and all Motorized loads), Lightning & Earthing protection system, Cables, Bus bars, Cable trays, Conduits, Protective device selection, Circuit breakers sizing, Tripping settings adjustment and Relay coordination's, Short Circuit & Voltage Drop calculations, Sizing the stand by generator of Cummins and caterpillar and Estimating the bill of quantity.
- Dates** : From 2007 till 2008
- Employer** : Egyptian International Gas Technology (GASTEC)
- Job title** : Electrical Maintenance Engineer
- Job Description** : • Make maintenance and repair the problems of the control system on natural gas compressors (suction, delivery, enter stages) pressure, temperature, vibration, cooling system, lubrication system, gas leakage detectors, fire system. (Complete control system using PLC).
• Make maintenance and repair the problems of power factor correction panels.
• Make maintenance and repair the problems of the main and auxiliary motors starting.
• Make maintenance for the complete protection system for power and control panels.
• Make maintenance and repair the problems of motor system.