

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 13 years hands-on experience working in maintenance, erection, testing and commissioning.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 28/08/1981
Gender : Male
Marital Status : Married
Residence : Beni Suef

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Cairo University, 2004

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: AutoCAD 2D (certified).
: OSHA (Occupational Safety and Health Administration) Course for industrial safety (certified).
: ETAP software load flow calculations (work experience).
: Low and Medium voltage variable speed drives maintenance course in Ansaldo Sistimie in Milano, ITALY.
: Windows, Word, Excel and Internet.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Nov. 2006 till now
Employer : ASEC Automation Co. (ASA)
Project : Misr Beni Suef Cement Company (MBCC)
Job title : Electrical Maintenance Section Head

- Job Description** :
- Variable Speed Drives (VSD) department Section Head, responsible for all corrective, preventive and predictive maintenance for medium and low voltage drives in the plant (Siemens, ABB, Ansaldo, Altivar, Helmke,) with different control techniques (V/F, FOC, Vector control and DTC, Position control whatever sensor-less or with sensors as tacho, encoders or resolvers) with international VSD training in Ansaldo Co. in ITALY.
 - Electrical Maintenance Area Engineer for:
 - Kiln, Cooler area (present).
 - Utilities area (present).
 - Crusher area.
 - Raw mill area.
 - Cement mill area.
 - Maintenance for all electrical power equipments and follow all instrumentation and automation equipments located in these areas.
 - Lecturer in the annual cement course of ASEC Co. for the subject of Electrostatic Precipitator (EP) operation in the field of environmental protection.
 - Team Leader for follow up erection, installation, commissioning and PGT of MBCC second cement production line attending daily meeting with contractors for coordination and achievements evaluation.
 - Team Leader for follow up erection, installation, commissioning and of MBCC Coal Grinding Mill attending daily meeting with contractors for coordination and achievements evaluation.
 - Medium voltage 11KV Substations maintenance including:
 - Switchgears with all bus bars, cables, earthing connections.
 - Circuit breaker maintenance and measurements as on/off switching time and contact resistance.
 - Protection devices setting online revision and adjusting with respect of selectivity analysis.
 - Measurements devices (current transformer, voltage transformers, combi-sensors) functionality check and testing.
 - Transformers maintenance, measurements and testing including of special types as (hermetically sealed, 12 pulse transformers) with testing of protection devices (DGPT, Buchlez, Oil level, Oil temp...).
 - Diesel generators maintenance and testing with respect to voltage regulation and speed governor and all protections.
 - Medium and low voltage motors maintenance and measurements with all types (Slip ring, Squirrel cage, DC motors...).
 - Medium and low voltage power factor correction (PFC) system maintenance including harmonic filters.
 - Battery charger and UPS testing and maintenance.
 - MCC (motor control centre) including power boxes and site local control panels maintenance and testing.
 - In addition of good knowledge of Instruments measurements devices (pressure, temp, flow, level...) and automation systems as PLC.

Dates : From Nov. 2004 till Nov. 2006

Employer : Electromechanical Contractors Co. (EMEC)

Job Description : • Consultant Engineer: Consultant for electrical installation of Mubarak Industrial Town in 10th of Ramadan new town (Transformers 11KV/400V, L.V. distribution boards and cables Laying and installation).

- Design Engineer for electrical distribution using ETAP software & AutoCAD.
- Commissioning Engineer: Electrical Engineer for the electrical installation, commissioning of Marble-Land Ind. Co. for vinyl flooring.