

100213-ELE-16CM-E-2005
Construction & Maintenance Engineer

Holds a B. Sc. in Electrical Power & Machines Engineering and has more than 11 years hands-on experience, including 10 years working in construction and maintenance at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 05/12/1983
Gender : Male
Residence : Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Ain Shams University, 2005

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD
: MATLAB, SIMULINK, Assembly language
: AutoCAD (design & work shop drawing of lighting, sockets ...etc.)

TRAINING COURSES AND CERTIFICATIONS

- : Practical training on M.V SWITCH GEAR 6.3KV, LC (load center) 400v which includes control and operation also construction of them (SCHNEIDER ELECTRIC TRAINING CENTER (one week).
- : Practical training for one week on fire alarm sys and fire fighting system (SIEMENS AG).
- : Practical training on power generation portal base and configuration (PGP) and harmony base – configuration (ABB TRAINING CENTER – GENOVA, ITALY) (2 weeks) (Jun./Jul. 2008).
- : Practical training on technical information course high-voltage switching technology, SIEMENS AG – ENERGY SECTOR – BERLIN, GERMANY (Feb./Mar. 2009):
 - SF6-GAS:
 - Properties of SF6-gas.
 - Handling of SF6-gas.

- Environmental protection.
 - OUTDOOR CIRCUIT BREAKERS:
 - Characteristics features, techn, Data, modules ...etc.
 - GAS ISULATE SWITCHGEAR (GIS):
 - Characteristics features, techn, data, switchgear bays modules.
 - SURGE ARRESTERS:
 - Basic concept, design and construction mode of operation.
- : Practical training on PLC for one month in Network Training Center.
- : Practical training for 3 months in the field of transformer station, electrical protection and communication at Network Training Center.
- : Microcontroller (Motorola MC68HC11/12).
- : Practical training for 3 months in Shoubra El-Kheima Power Plant, which included studying of power plant equipment, system theory and application.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Nov. 2007 till now
- Employer** : MINISTRY OF ELECTRICITY
- Job Description** :
- Cairo North Power Plant Combined Cycle 2x750MW:
 - Maintenance of SF6 220KV & 6.3KV C.Bs and vacuum 6.3KV C.B.
 - Maintenance and testing of transformers (350, 50, 32, 2 MVA).
 - Maintenance of 6.3KV, 400 V AC, DC motors, MCC, Load centers and AC & DC motors control circuit.
 - Maintenance of excitation sys (EX 2100) & A.V.R and generators (overhaul maintenance) & Maintenance of battery charger and inverter (U.P.S).
 - Maintenance of hydrogen generator unit.
 - Training Engineers & students of Faculty Engineering.
 - EL-TEBEEN POWER PLANT PROJECT STEAM TURBINE 2x350MW:
 - Work as Construction & Maintenance Engineer.
 - Constructing & maintenance the GIS 66KV and 220KV switchyard.
 - Maintenance and operation of sw-gear 6.3KV and load center 0.4KV.
 - Maintenance and operation of all types of battery charger & ups.
 - Maintenance and operation of all motors types in power plant such as motor of F.D.F, feed pump motoretc.
 - Maintenance and operation of all type transformer such as power transformer 21KV/220KV & tie transformer 220KV/66KV.

- Dates** : From Jan. 2011 till Jul. 2012 (part time)
- Job Description** :
- Worked as an Executive Engineer in the field of electrical distribution, I executed many projects such as:
- ZEZENIA MALL PROJECT which has many systems are executed:
 - L.V. System (Lighting, Sockets, Panel, distribution, extended cables & Wires).
 - M.V. System (Distribution Transformer, Switchgear, Passway between Transformer & Main distribution panel, R.M.U).
 - Light Current (Data system, Telephone, Sound system & CCTV Camera system).
 - BANK FAYSEL PROJECT which has many systems are executed:

- L.V. System (Lighting, Sockets, Panel, distribution, extended cables & Wires).
- Light Current (Data system, Telephone, Sound system & Security system, qumatic system & Fire alarm system.

Dates : From Mar. 2007 till Nov. 2007
Employer : TECHNO-CONSULT (Engineering & Consultation Services Company)
Job title : Executive Engineer
Job Description : Worked in the field of electrical distribution & work shop drawing (lighting, socket...etc.) for SOL SHARM Project in SHARM EL-SHEIKH.

Dates : From Mar. 2006 till Mar. 2007
Employer : ASEC AUTOMATION
Job Description : Worked in Purchasing & Logistic department:

- Send request for quotation to bidders.
- Collect technical and commercial offers from bidders.
- Issue purchase orders.
- Follow up suppliers till receiving the material according to Inco terms 2000.
- Participated in many projects such as Amerya, Beni Suef, Assiut and Toura Cement factories.