

101168-ELE-D-E-2010
EHV/HV Electrical Senior Design Engineer

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 7 years hands-on experience, including 4 years working in design field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/01/1988
Gender : Male
Marital Status : Married
Residence : El-Zaiton, Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Ain Shams University, 2010

LANGUAGES

Arabic : Native Language
English : Excellent
French : Basics

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD
: Microcontroller (Assembly Language)
: Matlab
: Power World Simulator
: C language
: Microstation
: Dialux (Indoor /Outdoor lighting)
: CDEGS (EARTHING CALCULATION SOFTWARE)
: Autodesk Revit

TRAINING COURSES AND CERTIFICATIONS

: PLC certified course.
: Solar Energy Certified Course Delft University of Technology through edX.
: Project Management Certified Course through edX.
: Internship at EL SEWEDY cables for 3 weeks.

- : Training at Network Training Centre (Ordinary Control, Transformers and PLC) for 2 weeks.
- : New directions in automation technologies seminar (Jelecom).
- : ABB Factory (visit).
- : Scada Systems.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Feb. 2017 till now
Employer : ELSEWEDY ELECTIRC (T&D)
Job title : EHV/HV Electrical Senior Design Engineer

Dates : From Jun. 2013 till Feb. 2017
Employer : Dar-Engineering (Alfanar Co.)
Job Description :

- Primary EHV/HV Electrical Senior Design Engineer:
 To lead, develop, direct and organize primary electrical engineering design of T&D projects as following:
 - Designing of Cable Tray Layout, Cable Routing, AC/DC Auxiliary Systems, Lighting System (Indoor-outdoor), Earthing System, Earthing Layouts and Details, Lightning protection System, Battery and Battery Charger Sizing, Duct bank/Trenches Layout, Opening Drawings.
 - Plan, monitor, control and adjust project pertaining to deadlines, progress, results, quality and scope.
 - Preparing Cable Schedules and BOQ for Cables, Cable Supporting System, lighting, Earthing & Lightning Protection System.
 - Reviewing and submissions for Vendor Drawings, Site execution and coordination with Client, Consultant.
 - Helping Fresh Engineers and explaining calculations and drawings to them.
- As Primary Engineer responsible for the complete substation design and project coordinator, for these following projects besides helping in designing with Electrical Team for other projects:
 - Several projects 110/13.8KV S/S for BEMCO (Bin Laden).
 - 110/13.8KV AL-ADEL for MASHAREQ.
 - Several projects 110/13.8KV S/S for DELTA.
 - Several projects 110/13.8KV S/S for EICO.
 - 110/13.8KV KAIA C (AIRPORT) for SSEM.
 - 380/110/13.8KV AI-MASHAAR (Jeddah) for ALGIHAZ.
 - 110/13.8KV KAUST-2 (Thuwal) Substation for NESMA.
 - 380/110KV JEDDAH SOUTH (Jeddah) Substation for Hyundai.
 - Extension of AL-KHUALIS 380/110KV AIS Substation for ALGIHAZ.

Dates : From Mar. 2013 till Jun. 2013
Employer : Egyptian Drilling Co.
Job title : Offshore Electrical Maintenance Engineer

Employer : NESCO (Banknote Equipments)
Job title : Service Engineer
Job Description : Responsible for:

- Installing and fixing equipment.
- Assembling equipment.
- Testing equipment.
- Calibrating Machinery.
- Meeting with clients.