

Holds a B. Sc. in Electrical Power & Machines Engineering and about 1 year hands-on experience in construction and design.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 22/06/1988  
Gender : Male  
Marital Status : Single  
Residence : El-Salam City, Cairo

## **EDUCATION**

: B. Sc. in Electrical Power & Machines Engineering, Ain Shams University, 2010  
: General Secondary Education Certificate, Ibn Khaldoon School, Cairo, 2005

## **LANGUAGES**

Arabic : Native Language  
English : Fluent  
French : Basics

## **COMPUTER SKILLS**

: Windows, MS Office (Word, Excel, Access, Power Point), Internet  
: MS Project  
: Matlab (Programming, Simulink & Graphical User Interface)  
: C language  
: VBA (Visual Basic Applications) in Excel  
: AutoCAD 2D  
: Dialux 4.4  
: PLC (Basics)

## **TRAINING COURSES AND CERTIFICATIONS**

: RandySMITH Training Solutions, Induction Course for EDC (Egyptian Drilling Company) in Exploring & Drilling for Oil & Gas, Rig Components & Safety Precautions, Nov. 2010.  
: Training in Power Quality, Protection, Control & Transformers Fields at North Cairo Company for Electricity Distribution, Aug. 2009.

- : General English Course (Level 8/12), The Armed Forces Languages Institute, Jun./Jul. 2008.
- : Zero Experience Program, Three Sessions Including an Overview on Marketing Concepts, Human Resources & Business Ethics, APEC'09 (Associative Power Engineering Community), Jul. 2009.
- : One Day Visit to 3 Brothers & Sega M Factories, Two Sessions about Lighting Solutions, Miniature CB's, Panel Design & the Enclosures, Mar. 2009.
- : Participant in ACES (Annual Conference for Engineering Students) 2008, B-sign (Business Design) Workshop: Time Management, Marketing Concepts, Presentation Skills, Team Work Skills & Communication Skills.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jul. 2011 till now
- Employer** : El Sewedy Transformers (Subsidiary of El Sewedy Cables Group)
- Job title** : Electrical Design Engineer in Power Transformers Design Dept.
- Job Description** :
- Reading the tender specifications book & obtain the owner requirements.
  - Determining the required steps for design based on the owner requirements & according to the standard specifications (mainly IEC).
  - Carrying out the design calculations using the Excel programming features.
  - Design the necessary drawings (using AutoCAD) for manufacturing the designed power transformer.
  - Ordering the required material for manufacturing & the accessories required to be installed on the transformer.
  - Preparing the final technical data document.

- Dates** : From Dec. 2010 till Jun. 2011
- Employer** : EDC (Egyptian Drilling Company)
- Job title** : Assistant Electrical Engineer in Projects & New Build Dept.
- Job Description** :
- Assist in building the electrical power supplying systems of the new rigs & upgrading those of the old rigs.
  - Assist in installation of the different new electrical components (SCR, VFD, AC Motors, DC Motors, Cables, Panels, Transformers, Diesel Generators & Lighting Systems).
  - Assist in applying the explosion proof & the emergency standards.
  - Assist in testing the system before the operation.