

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

PERSONAL DATA

Nationality : Egyptian
Birth Date : 15/09/1989
Gender : Male
Marital Status : Single
Residence : Ain Shams, Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Higher Institute of Engineering in the Shorouk Academy, 2013

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: Revit MEP
: AutoCAD 2D
: Dialux
: Relux
: ETAB
: Ecodial
: Simaris
: DocWin
: Matlab

TRAINING COURSES AND CERTIFICATIONS

: Revit MEP course - Excellent Way Center - Certified by ECG (2013).
: Programming Logic Controller (P.L.C-S7-300) course - Silesian Institute "Don Bosco" (2013).
: Programming Logic Controller (P.L.C-S7-200) course - Silesian Institute "Don Bosco" (2012).

- : Power System Protection course - Jeilecom Company (2012).
- : Power System Distribution course - Jeilecom Company (2012).
- : Automatic Control course - Silesian Institute "Don Bosco" (2011).
- : Micro Controller course - Future Academy (2011).
- : AutoCAD "2D" course - Armed Forces Institute of Information System (2011).
- : Electricity for Civil Installations course - Silesian Institute "Don Bosco" (2010).
- : University To Work (UTW) Internship - Engineering Consultants Groups "ECG" (from Oct. 2012 till Jun. 2013).
- : Engineering Professional Development Internship - Engineering Consultants Groups "ECG" (Sep./Oct. 2012).
- : Internship in Engineering Consultants Groups "ECG" – Madinaty Project - site training (from Jul. till Sep. 2011).
- : Internship in Egyptian Contraction Company - Moktar Ibrahim (Jul./Aug. 2010).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Sep. 2013 till now
- Employer** : ECG (Engineering Consultants Group), Cairo
- Projects** :
- AL-MASSA PARK (First Phase of New Capital), New Capital of Egypt:
 - First phase consist of Presidential palace, Hotel, Conference Hall, Club, Mall, Office building, Mosque and 2 District Cooling Plant.
 - Lighting, small power systems, panel schedule, cable sizing calculation, earthing, lightning protection systems and BOQ for First phase (Presidential palace, Hotel, Conference Hall, Club, Mall, Office building, Mosque and 2 District Cooling Plant).
 - Infrastructure design for First phase (medium voltage network design, low voltage network design and outdoor lighting design).
 - The sites areas: 400,000 m2.
 - Power consumption: 35 MVA.
 - King Abdullah Housing Project (KSA):
 - Master planning & infrastructure design of 8 sites in K.S.A.
 - Infrastructure design eight land sites (medium voltage network design, low voltage network design and outdoor lighting design).
 - The sites areas range from 100,000 m2 to 1000, 000 m2.
 - Power consumption from 20 MVA to 80 MVA.
 - Design Consultancy Services For ADNOC Petroleum Institute Infrastructure (UAE):
 - Infrastructure design (medium voltage network design, low voltage network design and outdoor lighting design).
 - This site will be developed to 2030 for 4 stages in 2015, 2020, 2025, 2030.
 - The site area: 700,000 m2.
 - Power consumption: 80 MVA.
 - Mountain View Hyde Park (New Cairo, Egypt):
 - Infrastructure design (medium voltage network design, low voltage network design and outdoor lighting design).
 - The project's plot area is (200 feddans).
 - Power consumption: 50 MVA.

- CITY GATE (New Cairo, Egypt):
 - Infrastructure design (medium voltage network design, low voltage network design and outdoor lighting design).
 - The project's plot area is 8.49 million square meter.
 - Power consumption for first phase: 30 MVA.
- VALCASTEL HOTEL (France):
 - Lighting, small power systems, panel schedule, cable sizing calculation, earthing, lightning protection systems and BOQ for hotel.
 - Power consumption: 7 MVA.
- Porto El Sokhna – Caribbean Bay (El Sokhna, Egypt):
 - 9 Buildings including 621 apartments.
 - Lighting, small power systems, panel schedule, cable sizing calculation, earthing, lightning protection systems and BOQ.
 - Power consumption: 9 MVA.
- El Rehab Shopping Center (El Rehab City, Egypt):
 - Lighting, small power systems, panel schedule, cable sizing calculation, earthing, lightning protection systems and BOQ.
 - The project's plot area is 29,416 m².
 - Power consumption: 8 MVA.
 - Note: the project is design by using Revit program.
- YANBU GRAIN SILOS (KSA):
 - Grain Silos Project in the Yanbu Commercial Port which is located on the East Coast of Red Sea. The project consists of two Reinforced Concrete Grain Storage Silos with capacity each of 60,000 tons for wheat storage.
 - Lighting, small power systems, panel schedule, cable sizing calculation, earthing, lightning protection systems and BOQ.
 - Power consumption: 9 MVA.
- OBEGI chemicals Group plans to establish a new chemical plant for the production of two main product streams; Poly Vinyl Acetate (PVA) and Styrene Acrylic (SA) (Wadi El Natron, Egypt):
 - Lighting, small power systems, panel schedule, cable sizing calculation, earthing, lightning protection systems and BOQ.
 - The project's plot area is 38,000m².
 - Power consumption: 4 MVA.
- Beyti Plant Extension (Egypt): The project comprises the design, construction management and supervision of four production buildings and filling area, each includes ground floor, mezzanine and a roof with a foot print 10,750 m²; 3 buildings for raw material warehouse with foot print area of 5,650 m² including all electro-mechanical and infrastructure works.

Job title : Electrical Design Engineer

Job Description : Duties include preparation of electrical works design, technical specifications and bill of quantities; preparing drawings and documents of schematic designs; preparing detailed designs, estimates and final load calculations, designs for MV and LV power distribution networks, transformers, generators and cable selections; switchboard sizing; single line diagrams for MV/LV distribution systems; earthing and lightning protection systems and small power systems network and preparing software based lighting designs and low current systems of many projects.