

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 10 years hands-on experience in technical design, shop drawing, material submittals, method of statements, technical reviews, site works, supervision and QC/QA works.

## PERSONAL DATA

Nationality : Egyptian  
Gender : Male  
Residence : Currently Qatar

## EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Helwan University, 2007

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet  
: AutoCAD  
: Micro station  
: DOC WIN  
: Dialux  
: ETAP  
: ECODIAL

## TRAINING COURSES AND CERTIFICATIONS

: IEEE STANDARDS (4 ACT TRAINING OFFICE).  
: IEC STANDARDS (SMARTPOWER SYSTEM COMPANY).  
: KSA SPECS (SBG & SEC) (SMARTPOWER SYSTEM COMPANY).  
: KNX SYSTEM (Schneider).  
: LV DISTRIBUTION BOARDS & MCC (Schneider).  
: ECODIAL SOFTWARE.  
: Basic of electronic circuit.  
: Distribution.  
: Introduction in PLC.  
: Introduction into SCADA system.

- : Microprocessor & microcontroller.
- : At Engineering Training Center (for about 2 months): The training included T.L system, Control system, Protection system, Electronic and Transformer workshops.
- : At ITC (Industrial Technology Consultation Group) Co. (for about 9 months): This company was specialized in testing and commissioning in M.V Cable – M.V Circuit breaker – Distribution transformer – digital relay, also Low voltage distribution system design. For testing and commissioning there were multi sites such as New Cairo, Hikstep, Abo Rawash, AICE, Vodafone and Cairo West MV/LV substations. Also, for LV system design and shop drawing is designed (Alnakhel City, PF correction Capacitor bank, MFO towers, printer of masryalyom, 14 villas of Pyramid Hills project).

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Aug. 2015 till now  
**Employer** : BLUU – Qatar  
**Job title** : Senior Electrical Design Engineer

**Dates** : From Jan. 2010 till Jul. 2015  
**Employer** : BEMCO-BINLADIN GROUP  
**Job title** : Technical Project Team Leader

**Dates** : From Jun. 2007 till Dec. 2009  
**Employer** : PSP – EL SWEEDY GROUP  
**Job title** : Electrical Design & Technical Engineer

**Employer** : AAW Consulting Engineers (part time)  
**Job Description** : Project Coordinator and Technical Support for all MEP DESIGN of KAP-4 PROJECT OF MOI ON KSA. Where the design is included the following submittals:

- Lighting system layout.
- Small power system layout.
- Lightning and earthing system calculation and layouts.
- Lux calculation by using dailux software.
- Overall single line diagrams and schematic diagrams.
- Sizing Calculations for auxiliary transformers, LV switchgear, MCC switchgear, MV cables, LV cables, power factor correction, UPS, load schedules sizing and surge arresters.
- Calculation with ECODIAL software (short circuit, load flow, discrimination).
- Technical evaluation study (all equipment vendor documents).
- Panel board schedules.

### Projects:

- Commercial and Residential Buildings:
  - Moon island project.
  - Farm electrical network.

- BARWA office building.
- Pearl 14B BUILDING.
- TJ pearl mansion.
- Ministry of economy & commerce offices.
- King Abdul-Aziz project third Saudi expansion of holy haram Makkah & surrounding areas (consultant is DAR ELHANDASA).
- King Abdul-Aziz International Airport Development Project (three building for generator Buildings) (consultant is DAR ELHANDASA).
- King Abdul-Aziz International Airport Development Project (three building for potable water pumping stations Buildings) (consultant is DAR ELHANDASA).
- King Abdul-Aziz International Airport Development Project (three building for central switch hall Buildings) (consultant is DAR ELHANDASA).
- King Abdul-Aziz International Airport Development Project (three building for external substations) (consultant is DAR ELHANDASA).
- King Abdul-Aziz International Airport Development Project (MV network system of three load centers) (consultant is DAR ELHANDASA).
- King Abdul-Aziz International Airport Development Project (three building for office and administration Buildings) (consultant is DAR ELHANDASA).
- KAP-4 PROJECT OF MOI ON KSA (consultant is PROGGER).
- Jeddah Tower Project (Saudi Arabia) (251 FLOOR) (consultant is DAR ELHANDASA).
- Medium voltage substation network for all centers.
- Diesel Generation power plant for all centers.
- AL NAKHEL CITY (EGYPT).
- 200 VILLA FOR (8 Models) PYRAMID HILLS.
- Industrial / substations:
  - Designation of Rehabilitation of Suez Steel Company (220/33/6.6/0.4 KV) (HV, MV and LV) Substation (Egypt).
  - ESCRAEMICO industry (11/0.4KV) (MV and LV) network (Egypt).
  - MEG industry (11/0.4KV) (MV and LV) network (Egypt).
  - Designation of TAYBAH STEEL FACTORY (33/6.6/0.4KV) (MV and LV) network (Egypt).
- Power Plants:
  - Qassim Power Plant Extension III 440MW (consultant SCECO).
  - PP10CC combined cycle 1300MW (consultant SCECO).
  - Gurrayat Power Plant 160MW (consultant SCECO).
  - Rental for ABB Saudi Arabia for Designation of voltage improvement in existing EHV/HV 20 substations (consultant SCECO).
  - Prince Noura university power generation plant (consultant S&L).

**Further experiences :**

Trainer (2014):

- ELECTRICAL AC ELEMENTS FOR POWER PLANT AND SUBSTATION ACCORDING TO IEC AND IEEE STANDARD WITH RESPECT TO ETAP HELP PROGRAM (60 hrs).
- POWER ANALYSIS ACCORDING TO IEC AND IEEE STANDARD WITH USING ETAP & ECODIAL & DOCWIN PROGRAM (50 hrs).
- HV/MV/LV EQUIPMENT SIZING ACCORDING TO IEC & IEEE & NEC & BRITISH STANDARDS (60 hrs).