

**106877-ELE-CDQS-E-2013**  
**QA/QC Electrical & Instrument Engineer**

Holds a B. Sc. in Electrical Power & Machines Engineering and has 4 years experience and knowledge of designing, erection, developing and maintaining electrical systems including medium and low voltage networks and low current installations (electrical distribution systems & grounding & automation systems & CCTV & sound systems & fire alarm systems).

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 04/08/1991  
Gender : Male  
Marital Status : Married  
Residence : Ain Shams, Cairo

## EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Ain Shams University, 2013

## LANGUAGES

Arabic : Native Language  
English : Very Good  
French : Fair

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: EPLAN Electrical P8 for designing and full managing the electrical panels  
: AutoCAD 2D & 3D  
: Dialux Interior & Exterior  
: Caneco BT for cable routing  
: PCB Machines and its all types of software

## TRAINING COURSES AND CERTIFICATIONS

: Training at Philips Company (Jul. 2013): Identifying different types of led technology.  
: Training at North Cairo for electrical distribution (Aug. 2012):

- Protection and communication for MV substation.
- Transformers and maintenance.
- Distribution system.
- Automatic control.

- : Training at Orascom Trading Company (Aug. 2011) about all types of control, generator manufacturing and maintenance.
- : Training at W. Alaska Company (Aug. 2010) about basic control.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Apr. 2018 till now
- Employer** : Joint Venture between INTECSA Industrial (Spain) and Hassan Allam
- Project** : Fertilizer Complex in Sokhna
- Job title** : QA/QC Electrical & Instrument Engineer
- Job Description** :
- Motor solo run test pre-inspections.
  - Fat test of panel (MV and LV switchgear) and inspection.
  - Cable testing (meggering and hipot test).
  - Cable tray and local cut switch inspection.
  - Hot loop check procedure.
  - Loop sheet check according to (REF: Ansi/Isa-5.4-1991).
  - Power up field instrument and check DCS.
  - Simulating process signals to sensor for transmitter and check in DCS (limit and eng. unit ....etc.).
  - Simulating process signals to digital switch and check in DCS.
  - The analogue and digital signals will be tested using certified equipment.
  - Control loop output signal shall be manually tested from workstation.
  - Handheld 475 field communicator (advanced field diagnostics).
  - Verify the logic diagram as per specification and modify error.
  - Faulty or outside parameters shall be highlighted in punch list.
  - Fire and gas control system inspection test report check.
  - DCS inspection test report check.
  - CCTV system inspection test report check.
  - Pneumatic system inspection test report check.
  - Instrumentation devices hook up drawing check.
  - Handover for all electrical equipments and system from subcontractor and hand it to commissioning team to start process of motor solo run check.
  - Finishing all test pack for instruments and handover all related items like cable tray and junction box and loop test.

- Dates** : From Sep. 2015 till Apr. 2018
- Employer** : ASEC Automation, Cairo
- Job title** : Design & Commissioning Engineer
- Job Description** :
- Design of electrical control circuits for LV and MV switchgears by EPLAN (software) and Fat test for it.
  - Studying tenders specification and preparing offers.
  - Lighting system interior and exterior (Dialux and Layout).
  - Earthing system (IEEE-STD80-Earthing) and measurement for soil and system resistivity.
  - Fire alarm system (commissioning and maintenance).
  - Cable routing layouts erection and commissioning.
  - Erection and commissioning for big electrical project.
  - Lighting (lighting protection system).

- Technical support for the assembly works and follow up the production stages.
- Ain El Kbera Cement Project (Algeria).
- Tula Cement (Mexico).
- El Amerya Cement (Alex, Egypt).
- Cemex (Philippine).

**Dates** : From Mar. 2015 till Sep. 2015

**Employer** : Jane Co.

**Job title** : Technical Support Engineer

**Job Description** : Worked as Technical Support, Sales and Installation Engineer for scientific equipment and training system for engineering, physical and chemical labs.

**Field of experience** : 

- A consistent track record of successfully completing Mega Projects, testing and handover for it like Cement and Petrochemical fields.
- Comprehensive understanding of electrical health and safety regulations.