

# 100418-ELE-25CSTyz-E-2014

## Lead Testing & Commissioning Engineer

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 6 years hands-on experience working in construction, testing and commissioning.

### PERSONAL DATA

Nationality : Egyptian  
Birth Date : 01/03/1989  
Gender : Male  
Marital Status : Single

### EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Menoufia University, 2014

### LANGUAGES

Arabic : Native Language  
English : Very Good

### COMPUTER SKILLS

: Windows, MS Office, Internet  
: AutoCAD

### CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Nov. 2015 till now  
**Employer** : Innovative Systems Company (ISYS)  
**Projects** :

- SS 8905 Hail 132/13.8KV (from Apr. 2019 till now) (Lead Eng.)
- Qatar Road site 115/33KV (from Jan. 2018 till Mar. 2019) (Lead Eng.)
- S/S 7624 Naif Site (Aldodmi) 33/13.8KV (from May 2017 till Jan. 2018) (Comm. Eng.)
- S/S 7196 Rawdat Sadir 33/13.8KV (from Jul. 2016 till Apr. 2017) (Comm. Eng.)
- S/S 7212 El Majmaa Site 33/13.8KV (from Nov. 2015 till Jun. 2016) (Comm. Eng.)

**Job title** : Testing & Commissioning Engineer  
**Job Description** :

- SWG functional test of all controls and interlocks.
- MCB Test.
- Auxiliary Relay Test.
- MCCB Test.

- Digital & Analogue Ammeter, Voltmeter and Wattmeter test.
- Check all wiring is correct according to approved drawings.
- CT, VT Tests of 132, 33, 13.8KV SWG.
- Insulation resistance.
- Resistance of all ground connection joints.
- C.B timing test.
- Testing High Voltage Cables.
- Bus bar Contact Resistance.
- Primary Injection and Secondary Injection 13.8, 33, 132KV.
- RMU Test.
- Transformer tests:
  - Transformer Winding Resistance Test.
  - Turn Ratio Test.
  - Polarity & Phase Relation Test HV – LV.
  - Insulation Resistance Test and Polarization Index Tests.
  - Measurement of Capacitance and Power factor.
  - Excitation Current Test.
  - Magnetic Balance.
  - Winding Temperature Calibration By Secondary Current Injection.
  - Short Circuit Impedance Test.
  - Oil Temperature Gas (Dray Blok).
  - Oil Break down Voltage Test (BDV Test).
  - SFRA Test.
  - Ten Delta Test.
  - Operation Test of Auxiliary Equipment.
  - Transformer CT Tests.
  - Transformer Stability.

**Dates** : From Jul. 2014 till Nov. 2015

**Employer** : Alamara Co. for general contracting

**Job title** : Electrical Engineer

**Job Description** :

- Cable tray installation.
- Bus duct installation (AC & DC).
- Lighting System Installation.
- Earthling System Installation.
- Cables Termination.
- Local panel's installation and connection.
- (Low voltage – medium voltage) cables pulling, termination and testing.
- Excitation Transformers installation and termination.
- Participate in all site inspection testing under project inspection and test plan ITP.
- Responsible to walk through and turn over all systems from construction to commissioning.
- The work of the all required tests as per inspection and test plan.
- Reply for client consultant surveillance notices with reference to contract Technical specification.
- Inspection for delivered materials to ensure verification according to approved documents from client and consultant.