

103702-ELE-156CSTyz-E-2005
Senior Electrical Commissioning Engineer

Holds a B. Sc. in Industrial Electronics & Automatic Control Engineering and has over 9 years hands-on experience working in construction and commissioning.

PERSONAL DATA

Nationality : Egyptian
Birth Date : Mar. 1978
Gender : Male
Marital Status : Married
Residence : Cairo

EDUCATION

: B. Sc. in Industrial Electronics & Automatic Control Engineering, Menoufia University, 2005

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: C- programming
: MATLAB and SIMULINK Programming Language
: AutoCAD Electrical 2D
: VHDL

TRAINING COURSES AND CERTIFICATIONS

: Training on Siemens PLC S7200 (Jan. 2006) (Salesian Institute "Don Bosco").
: Training on Schneider PLC (Nano PLC) (Mar. 2004) and MICRO PLC (Jan. 2005).
: Training on micro controller and programming (Jan. 2005).
: Training on Automatic control circuit (Dec. 2005).
: Training on DC and AC motors.
: Training on (star – delta – star delta).
: Computer maintenance (3 levels).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From May 2015 till now
Employer : Orascom Construction Industries
Project : New Assiut Simple Cycle Power Plant Project, Assiut, Egypt
Job title : Senior Electrical Commissioning Engineer
Job Description :

- Interface with commissioning activities and accept electrical systems into service.
- Completing pre- and post-energization checks.
- Developing test schedules and Quality Control records.
- Supervise with vendors the testing and tuning of equipment, conduct initial drive runs.
- Plan stepwise commissioning details according to the overall procedure and instruct commissioning crews and or Subcontractor for the necessary action.
- Handle commissioning and test substation automation systems such as Relays, also provide technical support to assist Project Teams in developing project.
- Prepare test plans, supervise and coordinate commissioning activities for Power Transformers, Voltage Regulators, CB's, CT's, HV Switches and AC/DC System such as UPS, Chargers, Batteries.
- Oversee setting up and testing of protection relays for HV feeders, and testing of disconnecting switches, earthing switches.
- Responsible in testing of DC power supply system including the batteries, testing of UPS system including the batteries, the UPS units and switchboards, loop test.
- Ensure operation and performance is in compliance with the design criteria.
- Ensure all quality control records like test reports, equipment calibration certificates, design modification requests.

Dates : From Sep. 2014 till Apr. 2015
Employer : Orascom Construction Industries
Project : Administration Building Project, Cairo, Egypt
Job title : Electrical Site Engineer
Job Description :

- Lighting System.
- Power System.
- Fire alarm System.
- Building Management System (BMS).
- Uninterruptable Power Supply (UPS).
- Fire Fighting System (FM200 & CO2).
- Earthing system.
- Lightning protection.

Dates : From Jul. 2013 till Jun. 2014
Employer : Orascom Construction Industries
Project : Baiji Gas Turbine Power Station (Iraq)
Job title : Electrical Site Engineer

- Job Description** :
- Water treatment station:
 - Main routings cable tray.
 - Cable pulling activities.
 - Installation of panels.
 - Uninterruptable Power Supply (UPS).
 - Termination of the cables.
 - Co-ordination between electrical & mechanical departments.
 - Testing of panels and commissioning.
 - Electrical Heat Tracing system.
 - Cathodic protection system.
 - Lighting system.
 - Fire alarm System.
 - PCC (Power control central):
 - Main routings cable tray.
 - Cable pulling activities.
 - Termination of the cables.
 - Testing of panels and commissioning.

Dates : From Feb. 2013 till Jul. 2013

Employer : AICI - Archirodon Construction (overseas)

Project : Pease vector vii, package B Cairo west air base (Egypt)

- Job Description** :
- Prepare and review the Composite Drawings.
 - Prepare the As-Built Drawings.
 - Quantity surveying of the materials for each trade.
 - Review the purchase orders.
 - Receive and review the materials in the project.
 - Carrying out the (Man hole) cable & installing the transformer & connecting cable.
 - Ring Main Unit (RMU).
 - Termination of the (MV) cables.
 - Lighting system.
 - Fire alarm System.
 - Earthing system.

Dates : From Nov. 2011 till Jan. 2013

Employer : Orascom Construction Industries

Project : Egyptian Fertilizer Company (Egypt)

Job title : Electrical Site Engineer

- Job Description** :
- Prepare and review the Composite Drawings.
 - Quantity surveying of the materials for each trade.
 - Main routings cable tray.
 - Co-ordination between electrical & mechanical departments.
 - Cable pulling activities.
 - Installation of panels before and after shutdown period & 11KV Switchgear.
 - Termination of the cables before and after shutdown period.
 - Mcc (motor control center).
 - Electrical Heat Tracing system.
 - Testing of panels and commissioning.
 - Lighting system.

- Fire alarm System.
- Intercom System.

Dates : From Feb. 2010 till Oct. 2011
Employer : Orascom Construction Industries
Project : Sorfit Fertilizer Complex (Algiers)
Job title : Electrical Site Engineer
Job Description :

- Main routings cable tray.
- Co-ordination between electrical & mechanical departments.
- Cable pulling activities.
- Installation of panels & 11KV Switchgear.
- Installation of the Transformer & Generator.
- Mcc (motor control center).
- Uninterruptable Power Supply (UPS).
- Converter & pump station & (photo switch – proximity switch – pressure switch – level switch – limit switch).
- Electrical Heat Tracing system.
- Testing of panels and commissioning.
- Lighting system.
- Fire alarm System.
- Intercom System.
- Earthing system.

Dates : From Dec. 2009 till Jan. 2010
Employer : ENCO
Project : City Stars Hotel, Sharm El-Sheikh, Egypt
Job Description :

- Lighting System.
- Power System.
- Fire alarm System.
- Building Management System (BMS).

Dates : From Feb. 2009 till Nov. 2009
Employer : Orascom Construction Industries
Project : Cement Factory Project Jeddah, Kingdom of Saudi Arabia
Job title : Electrical Site Engineer
Job Description :

- Main routings cable tray.
- Co-ordination between electrical & mechanical departments.
- Cable pulling activities.
- Installation of panels & 11KV Switchgear.
- Installation of the Transformer & Generator.
- MCC (motor control center).
- Uninterruptable Power Supply (UPS).
- Converter & pump station & (photo switch – proximity switch – pressure switch – level switch – limit switch).
- Testing of panels and commissioning.
- Lighting system.
- Fire alarm System.
- Earthing system.

Dates : From Aug. 2007 till Jan. 2009
Employer : Orascom Construction Industries
Project : Cement Factory Project Calabar – Federal Republic of Nigeria
Job title : Electrical Site Engineer
Job Description :

- Main routings cable tray.
- Co-ordination between electrical & mechanical departments.
- Cable pulling activities.
- Installation of panels & 11KV Switchgear.
- Installation of the Transformer & Generator.
- MCC (motor control center).
- Uninterruptable Power Supply (UPS).
- Converter & pump station & (photo switch – proximity switch – pressure switch – level switch – limit switch).
- Electrical Heat Tracing system.
- Testing of panels and commissioning.
- Lighting system.
- Fire alarm System.
- Earthing system.