

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 2 years hands-on experience working as Design & Commissioning Engineer and QA/QC Engineer.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 11/02/1992
Gender : Male
Marital Status : Single
Residence : Helwan, Cairo

EDUCATION

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

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: Etap
: AutoCAD
: Dialux
: Matlab
: Caneco Implantation & BT

TRAINING COURSES AND CERTIFICATIONS

- : Training course about electrical power distribution level 1& 2 from Faculty of Engineering at Helwan University (from Jul. till Sep. 2013).
- : Training in Networks Training Center on electrical protection and substation (Jun. 2012):
 - Gain knowledge about protection system in low, medium and high voltage.
 - Gain knowledge about the rules and elements of the protection system.
 - Gain knowledge about primary and back-up protection.
 - Gain knowledge about relays (operating principles and different types).
 - Gain knowledge about transformers (construction and cooling systems).
- : Training in Valley Hof Gaseous Power Station) (Jul. 2012): Gain knowledge about operation and components of power plants.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jul. 2017 till now
Employer : Schneider Electric
Project : Zohr Development Project
Job title : Electrical QA/QC Engineer
Job Description :

- Receiving Inspection Requests (IR) from sub-contractors and follow it.
- Preparing punish list for every system in the project and send to subcontractors to cover it.
- Preparing Non-Conformance Report (NCR) and send it to subcontractors.
- Preparing QC Activity Status and send it to client.
- Making testing and inspection for L.V & MV Switchgears and cables including continuity test, megger test.
- Making testing and inspection for power transformers.
- Making inspection for fire alarm and HVAC systems.
- Making sure that installation work is matching with Standard and design drawings.
- Making inspection for cable trays and cable bus.
- Making test and inspection for grounding system.
- Assuring that termination of cables is matching with design drawings.

Dates : From Sep. 2015 till Jul. 2017
Employer : ASEC Automation Company
Job title : Junior Electrical Design & Commissioning Engineer
Job Description :

- Detailed design covering all aspects of Low voltage equipment.
- Detailed design of secondary control and protection systems.
- Preparation and interpretation of technical specifications and enquiry documentation.
- Design L.V panels (LVDB, MCC, ACC, MPetc.).
- Making Factory Acceptance Test (FAT) for all L.V Panels.
- Energizing and commissioning for (LVDB, MCC, ACC, MPetc.).
- Start-up for industries equipment in the factories.
- Projects that have been working out:
 - Helwan Cement Coal Mill – worked as Commissioning Engineer.
 - Testing for all LV panels for the project.
 - Commissioning for all LV parts including interface with central control room (CCR), rotation test for motors, instrumentation test and calibration, interface between local panels and substations and sequence operation test.
 - Power up and troubleshooting during operation for the project.
 - Republic Cement Co. (Norzagaray Philippine factory Raw Mill) – worked as Commissioning Engineer:
 - Testing for all LV panels for the project.
 - Commissioning for all LV parts including interface with central control room (CCR), rotation test for motors, instrumentation test and calibration, interface between local panels and substations and sequence operation test.
 - Power up and troubleshooting during operation for the project.

- Beni Suef Combined Cycle Power Plant – worked as QC Engineer:
 - Making testing and inspection for L.V and M.V cables including continuity test, megger test and HiPot test (for M.V).
 - Making sure that installation work is matching with Standard and design drawings.
 - Making inspection for cable trays.
 - Making test and inspection for grounding system.
 - Assuring that termination of cables is matching with design drawings.
- Titan Beni Suef (Coal Mill) – worked as Design & Commissioning Engineer:
 - Preparing single line diagram for control and Protection panels and layout including LV panels (LVDB, MCC, ACC, MPetc.).
 - Preparing control signals for P&ID flow sheet of the project.
 - Preparing typical connection diagrams for control system containing field instrument like sensors (level sensors, limit switches, speed sensors, solenoid valves, and pressure and temperature sensors), junction boxes, motor variable speed drives, motor safety switches and local control boxes and their connection and interface signals with PLC.
 - Preparing material list and Revising technical offers from suppliers.
 - Testing for all LV panels for the project.
 - Commissioning for all LV parts including interface with central control room (CCR), rotation test for motors, instrumentation test and calibration, interface between local panels and substations and sequence operation test.
 - Power up and troubleshooting during operation for the project.