

102372-ELE-12PST-E-2014
Senior Commissioning Engineer

Holds a B. Sc. in Electrical Engineering and has 7 years experience as Commissioning and Protection Engineer in the field of Power System Substations and Power Plants and SCADA projects.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Marital Status : Single
Residence : New Cairo

EDUCATION

: B. Sc. in Electrical Engineering, Minia University, 2014

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Dec. 2020 till now
Employer : Schneider Electric
Projects :

- Imbaba S/S 220/66/11KV GIS
- Gardenia S/S 220/22KV GIS
- Al Robiky S/S 66/22KV AIS
- Zohr Project
- Benban 220/22/22KV
- Regional Control Center Upper & Middle Egypt
- Modernization of signaling system for BENI SUEF - HIGH DAM Corridor (Railway Project)
- Implementation and construction of EEHC / NCEDC - DCCs Project

Job title : Senior Commissioning Engineer
Field of experience :

- Equipment Testing for:
 - CT Tests (Turns Ratio - Winding Resistance - Insulation Resistance - Excitation Polarity).
 - VT Tests (Turns Ratio - Winding Resistance - Insulation Resistance

- Polarity).
- CB Timing Test.
- Contact Resistance Test.
- Tan Delta Tests.
- MV Cable Tests.
- SF6 Gas Analysis Test.
- 11 & 22KV HIGHPOT Test.
- Capacitor Bank Tests (C Measurement & L Measurement).
- Testing of Equipment for GIS 66, 220 & 500KV and MVSWGR 11 & 22KV.
- Testing of Power Transformers 3-phase 220/66, 66/22 & 66/11KV and Single-Phase Auto transformer 500KV.
- Testing of Auxiliary Transformers 22/0.4 & 11/0.4KV.
- Pre-Commissioning and Commissioning of Scheme Function:
 - Transformer LCP & OLTC Panel.
 - 11 & 22KV MVSWGR Panels.
 - 66, 220 & 500KV LCC (GIS).
 - 66, 220 & 500KV Control Panels.
 - 66, 220 & 500KV Protection Panels.
 - 66, 220 & 500KV BB & BF Panels.
 - AC/DC Panels and System.
 - AVR Transformer Panels.
 - Capacitor Control Panels.
 - Metering Panels and Energy Meter Testing.
 - CT & VT Loop Test.
 - Primary Injection Test for 66, 220 & 500KV Voltage Levels.
 - Differential and REF Stability Calculations and Test of Power Transformers for all Voltage Levels.
 - Bus Bar Differential Stability Test for All Voltage Levels 66, 220 & 500KV.
 - Perform All Type of Wiring Modifications that is required by Scheme Logic and Functions.
- Testing of Simple Relays & Back up Relays Functions:
 - Overcurrent - Directional Overcurrent Relays Testing.
 - Load Shedding Relays Testing.
 - Breaker Fail Relays Testing.
 - Synchronizing Relays Testing.
 - OV-UV Relays Testing.
 - Reactive Power Controller Relay Testing.
 - AVR Relay Testing.
- SAS and RTU Commissioning:
 - SACAM AK.
 - SAITEL DP SE.
 - T300.
 - RTU ABB 560.
 - Logic for IEDs and test all signals Ara.