

102129-ELE-1258STyz-S-2017

Electrical Commissioning Technician

Has about 5 years experience working in commissioning field.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Residence : Tanta

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jul. 2021 till now
Employer : Elsewedy Electric (PSP)
Project : Nuweibaa SWRO Desalination Plant
Job title : Electrical Commissioning Technician

Dates : From Apr. 2020 till May 2021
Employer : Elsewedy Electric (PSP)
Project : ELCO STEEL 220/33KV 2x250 MVA
Job title : Electrical Commissioning Technician

Dates : From Oct. 2017 till Mar. 2020
Employer : Elsewedy Electric (PSP)
Project : South Helwan Supercritical Power Plant 3x650MW (CP-117)
Job title : Electrical Commissioning Technician

Field of experience :

- Perform all the tests for motors (Insulation resistance, rotation check).
- Perform tests for current transformers (insulation resistance, turns ratio, Polarity checking, DC resistance, Excitation curve).
- Perform all the tests needed in GIS (400KV, 220KV, 132KV) (Breaker timin contact resistance, Hi-pot test).
- Perform all the modifications needed.
- Perform all the tests for voltage transformers (insulation resistance, turns ratio Polarity checking, DC resistance).
- Perform all the tests for MV switchgear (insulation test, Hi-pot test, and sta and commissioning of the system).
- Perform wire check and interface connection for all system.
- Medium and High voltage cables testing (insulation resistance & Hi-pot and VLF).
- Perform all the tests for power transformers (Insulation Resistance – Turns Ratio – DC Windings Resistance – Tan delta – Oil Break down test – interface with other systems).
- DC and UPS system (charging batteries and start-up).

- Equipment & Tester used:
 - OMICRON CT analyzer.
 - OMICRON CPC 100.
 - MEGGER delta 4000.
 - ISA 3000T.
 - Ray tech turns ratio and vector group for TR.
 - Ray tech dc resistance for TR.
 - AC/DC Hi-pot tester.
 - Oil breakdown tester.
 - Earth resistance tester.
 - Insulation resistance tester.
 - Contact resistance tester.