

102123-ELE-12STyz-S-2008

Electrical Commissioning Technician

Has over 9 years' experience working in testing and commissioning at several projects.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Residence : Dakahlia

EDUCATION

: Technical High School, 2008

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Mar. 2014 till now
Employer : Elsewedy Electric (PSP)
Projects :

- Iraq New Babil Project 400KV/132KV (Feb. 2022 – Aug. 2022)
- Iraq 4 SS Project 400KV/132KV (Maysan, Mothana, Shatra & Shat Al Arab) (Mar. 2020 – Jun. 2021)
- SOUTH HELWAN SUPERCRITICAL POWER PLANT (3x650MW) (CP-117) (Feb. 2019 – Mar. 2020)
- ELCO STEEL 220/33KV 2x250 MVA (Dec. 2018 – Jun. 2019)
- West Damietta Power Plant 750MW (Nov. 2016 – Aug. 2018)
- Suez Gulf SS 500/220/22KV (Aug. 2016 – Nov. 2018)
- Mahmoodi Power Plant 168x2MW (Jun. 2015 – Oct. 2016)

Job title : Technician (A) Commissioning – Electrical
Job Description :

- 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 timing, 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 start-up), and commissioning of the system.
- Perform wire check and interface connection for all system.
- DC and UPS system (charging batteries and start-up).
- 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).

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.