

100050-ELE-1CT-E-2008
Senior Testing & Commissioning Engineer

Holds a B. Sc. in Electrical Engineering and has over 9 years hands-on experience working in testing and commissioning.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 24/12/1985
Gender : Male
Marital Status : Married

EDUCATION

: B. Sc. in Electrical Engineering, Al-Azhar University, 2008

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD
: Enervista for GE protection relay

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Nov. 2014 till now
Employer : Elsewedy Electric PSP
Projects :

- SOUTH HELWAN SUPERCRITICAL POWER PLANT (3x650MW) (CP-117), EGYPT:
 - Responsible for testing, commissioning for the main and auxiliary power transformers (Insulation Resistance - Turns Ratio - Vector Group - DC Resistance - tan delta).
 - Responsible for testing and start-up of the DC and UPS system.
 - Responsible for the cables testing (L.V and M.V cables).
 - Make loop check for signal with DCS.
- 4800MW Beni Suef Combined Cycle Power Plant, phase 1 (6x400MW) Gas turbines, fast track turn-key project, execution period: 12 months, Egypt:
 - 6x400MW Class H Gas Turbines with auxiliaries, SIEMENS.
 - Common control building.
 - 6x415MW power transformers & 4x16MW auxiliary transformers,

SIEMENS.

- Responsible for testing and start-up of the DC and UPS system.
 - Responsible for testing and start-up of the LV SWGR and MV SWGR.
 - Motors Testing (Insulation Resistance - PI Test - Rotation Check - solo test).
 - Air compressor & Air dryer testing.
 - HVAC Operation systems check and commissioning.
 - Make loop check for signal with DCS.
- Al-Diwanya Power Plant (4x125MW) (GE FRAME 9E), IRAQ:
 - Responsible for testing, commissioning for the main and auxiliary power transformers (Insulation Resistance - Turns Ratio - Vector Group - DC Resistance - tan delta).
 - Responsible for testing and start-up of the DC and UPS system.
 - Responsible for testing and start-up of the LV SWGR and MV SWGR.
 - Operation and following up GTs.
 - Get familiar with ABB GIS 400KV system (Operation and Maintenance).
 - Responsible for testing the generator circuit breakers (4 GCB'S).
 - Responsible for the cables testing (L.V and M.V cables).
 - Make loop check for signal with DCS.
 - APACHE HELICOPTER PROCUREMENT (KATAMIA AIR BASE, EGYPT):
 - Responsible for the cables testing (L.V and M.V cables).
 - Responsible for RMU and Compact substation.
 - GIZA NORTH 2250MW COMBINED CYCLE UNIT (CP-117):
 - Responsible for testing, commissioning for the main and auxiliary power transformers (Insulation Resistance - Turns Ratio - Vector Group - DC Resistance - tan delta).
 - Responsible for testing and start-up of the DC and UPS system.
 - Responsible for the cables testing (L.V and M.V cables).
 - Make loop check for signal with DCS.

Job title : Senior Testing & Commissioning Engineer

Job Description :

- Identify systems to be commissioned.
- Review and revise project drawings and schematic diagrams.
- Lead and perform power plant / substation commissioning activities.
- Review and test plant interlocking (powerhouse - Substation).
- Responsible of preparing red marked copy and as built drawing for all involved systems.
- Completing operating and maintenance manuals, record drawings, software and test certification.

Dates : From Nov. 2008 till Oct. 2014

Employer : ELECTRO MECHANICAL CONTRACTOR (EMEC), Cairo

Projects :

- Terga Generation Plant (Algeria): Manufacturing and testing LV panel boards.
- AC/DC Panels of 20KV Substation (Djibouti): Manufacturing and testing of AC/DC panels including ATS, Control system.
- CAIRO WEST POWER PLANT (EGYPT): Manufacturing, testing and supervision of erection and commissioning of LV load centers.
- EL AIN EL SOKHNA POWER PLANT: Manufacturing, testing and

- supervision of erection and commissioning of LV load centers and MCC.
- Job title** : Electrical Engineer
- Job Description** :
- Supervising the implementation of projects in the factory and the work of testing after the completion of the project. The work of inspection.
 - Do start-up for the panel at the site.