

102920-ELE-12CMPT-E-2009

Testing & Commissioning Engineer

Holds a B. Sc. in Electrical Power Engineering and has about 8 years hands-on experience working in protection, testing, commissioning and construction.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 24/03/1988
Gender : Male
Marital Status : Married
Residence : Currently KSA

EDUCATION

: B. Sc. in Electrical Power Engineering, Helwan University, 2009

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet
: AutoCAD

TRAINING COURSES AND CERTIFICATIONS

- : Off-shore training courses:
 - Substation Automation System for 500KV project under the care of GE Power Company in Spain.
 - Maintenance of Supercritical Boilers & Simulation operation of Supercritical Power Plant in KPLI (Korea Power Learning Institute) under the care of Doosan Company in South Korea.
- : On-shore training courses:
 - BECHTEL: Basic & Advanced Training courses about thermal power plants.
 - Veolia: Company Training about Water Treatment, Desalination and Polisher.
 - CHINA XIAN ELECTRIC GROUP: Training about GIS (Gas Insulated Switchyard) 500KV.
 - CAMERON: Training about Air Compressors.
 - ELECTRO THARWAT Company: Training about Protection Relays.
 - Doosan Company: Training about Supercritical Boilers.

- Hitachi Company: Training about Steam Turbines and Generators.
 - Hyosung Company: Training about Power Transformers.
 - EGEMAC: Training about MV Switchgear, MCC, Load center and EMCS.
- : English language: MODLI (Ministry Of Defense Language Institute).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Nov. 2015 till now
- Employer** : National Excellence for Construction and Energy (NECE), Saudi Arabia
- Projects** :
 - AL-RYWAUDAH SUBSTATION 132/33/13.8KV (from Dec. 2016 till now)
 - RANIA SUBSTATION 110/33/13.8KV (from Nov. 2015 till Nov. 2016)
- Job title** : Testing & Commissioning Engineer
- Job Description** : Testing, Commissioning & Start-up substation:
 - Testing a protective relays (ABB, MICOM, SEL, SIEMENS & ZIV).
 - Primary injection & Stability test of high voltage busbar.
 - Testing gas insulated switchgear (GIS).
 - SF6 gas analysis & gas gauge calibration.
 - Scheme check, function check & interlock test.
 - Testing of current transformer, voltage transformer & circuit breaker.
 - High voltage test of medium voltage switchgear.
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- Dates** : From Feb. 2010 till Oct. 2015
- Employer** : East Delta Electricity Production Co.
- Project** : El Ain Sokhna Supercritical Thermal Power Plant (2x650MW Gas/Oil Fired Units) with Thermal Desalination plant (2 x 4000 m³/day MED & TCD)
- Job title** : Electrical Engineer
- Job Description** :
 - Installation, electric tests, loop tests, function tests, commissioning, start-up and maintenance the power plant.
 - Testing gas insulated switchgear (500KV GIS).
 - Testing medium & low voltage switchgear.
 - Testing medium voltage cables.
 - Testing medium & low voltage motors.
 - Supervise of installation (GIS, Medium & Low SWGR, Power Transformer, Distribution Transformer, Medium & Low voltage motors).
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- Dates** : From Dec. 2009 till Jan. 2010
- Project** : Ayoun Moussa Thermal Power Station (contains two units (2x320MW))
- Job title** : Electrical Maintenance Engineer
- Job Description** : Maintenance, Trouble shooting, device check and installation of all Industrial electrical equipment.