

104148-ELE-1CMS-E-2006

Electrical Maintenance Engineer

Holds a B. Sc. in Electrical Power & Machines Engineering and a Diploma In Generation and usage of electric power and it's economic. Has about 11 years hands-on experience working in construction, maintenance, commissioning and start-up at El-Tebbin Thermal Power Plant.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Marital Status : Married
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Cairo University, 2006
: Diploma In Generation and usage of electric power and it's economic, Cairo University, 2009

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

: Windows, MS Office (Word, Excel), Internet

TRAINING COURSES AND CERTIFICATIONS

: Sub-station control system course (2009).
: Maintenance basics course for 220KV and 66KV Gas Insulated Switchyard (GIS) (2009).
: Siemens protection devices and DEGSI software (2009).
: Power transformer operation and maintenance course for one month by HYOSUNG Company in South Korea (off-shore training) (2010).
: Micoms protection devices (P343, P125, P63X) and Micoms software (2011).
: Sepam protection devices and its software (2011).
: M.V switchgear, load center and mcc maintenance for Schneider Company (2011).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From 2007 till now
- Employer** : Cairo Electricity Production Company (CEPC)
- Project** : EI-Tebbin Thermal Power Plant
- Job Description** :
- Electrical Maintenance Engineer (from 2010 till now):
 - Responsible for the Maintenance of power engineering system components in the power plant and substation.
 - Perform Maintenance, troubleshooting and fault analysis (motor's, M.V Breakers, L.V breakers, excitation system and Protection system).
 - Leading group of technicians to perform the periodic maintenance for the electrical equipment.
 - Training of operating personnel.
 - Electrical Rehabilitation Engineer (from 2012 till 2015):
 - Inspect and make a report for the damaged cables for Unit (2) EI-Tebbin Thermal Power Plant.
 - Join the commissioning and testing team with INITEC during the commissioning part after cable re-installation.
 - Responsible for the rehabilitation project for unit (1) EI-Tebbin Thermal Power Plant covering the equipment's and cables test which determine the damaged parts in the unit and supervision the removal of the damaged parts (cables, trays, motors, actuators, Generator, excitation system) and the reinstallation process for all of these equipment.
 - Supervise the commissioning for all equipment and responsible for testing and commissioning the M.V, L.V systems outside the rehabilitation scope and make the Interface /Interlock Test between the Main generation systems and GIS.
 - Electrical Installation Engineer (from 2007 till 2010):
 - Supervision for installing and commissioning all electric equipment's in power plant.
 - Supervision for commissioning and start-up for all electrical systems (transformers, generator, excitation system, M.V switchgear, Load centers, MCC, protection system, synchronizing system, Motors, grounding system, lighting system) and interface between protections and interlocks for main generation system and GIS, SCADA system.