

104905-ELE-15CMOS-E-2010
Operation & Commissioning Engineer

Holds a B. Sc. in Electrical Power Engineering and has over 11 years hands-on experience working mainly in operation and commissioning at Abu Qir Thermal Power Plant.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 14/01/1987
Gender : Male
Marital Status : Married
Residence : Damanhour

EDUCATION

: B. Sc. in Electrical Power Engineering, Tanta University, 2010

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Dc and Ups training Course.
- : Generator, Transformers, Busbars and Transmission lines Protection Course.
- : PLC
- : Matlab
- : Training at Methanol Projects by Petrojet Company, Damietta (Jul. 2009).
- : Training at Nubaria Company for electrical generation (2008).
- : Training at Misr Company for spinning and weaving, Mahalla (Jul. 2008).
- : AutoCAD 2000 (2D).
- : Mother Board Maintenance Training.
- : Computer Maintenance Training.
- : How to Classic Control course.
- : Step in Low Voltage circuit Design course.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Feb. 2013 till now
- Employer** : West Delta Electricity Production Company
- Project** : Abu Qir Thermal Power Plant (2x650MW)
- Job title** : Operation & Commissioning Engineer
- Job Description** :
- Commissioning and start-up for 380 & 6600V motors.
 - Performing tests for Transformers, Generators and C.Bs.
 - Making connection and disconnection for electrical circuits of 500KV, 6.6KV, 380V and operation of electrical diesel-generators.
 - Performing all Commissioning Tests with All Contractors: (Heat and Run tests, make energized for different electrical systems, Load rejection test, Run back test).
 - Circuit Breakers tests including (Timing test for open & close, Contact Resistance, Motor Charging Time).
 - ATS & UPS systems.
 - Supervision of plant auxiliaries and troubleshooting of operation problems.
 - GIS Operation Engineer (500KV).
 - Record the commissioning data for all systems mentioned previously.
 - Report and advise the daily activities for all systems mentioned previousl.
 - Coordination with Safety Engineer for the safety arrangements at site prior to start any activity at site.
 - Start-up and shut-down procedures for Thermal Power Plant 2x650MW (Cold, Warm, and Hot Start-up and normal or emergency shut-down). Turbine & Auxiliaries operation (Toshiba & Ansaldo). And reporting the equipment condition during normal operation.
 - Boiler & auxiliaries operation (Mitsubishi & Ansaldo) and reporting the equipment condition during normal operation.
 - Testing and changing-over for all Mechanical equipment locally and from control.
 - Good working knowledge of hydrogen production plant and mechanical equipment.
 - Making connection and disconnection for electrical circuits of 220KV, 6.3KV and operation of electrical diesel-generators.
 - Good command with (Toshiba & Bailey) control system, Control station and monitors.
 - Good command with control system same DCS (Yokogawa).
 - Making daily technical reports about the unit's abilities & efficiencies.
 - Good working knowledge of fire fighting system (water system, foam system and dry powder system locally and alarms control panel).
 - Good working knowledge of industrial safety requirements.
 - Boiler maintenance operation, tube leakage repair and welding operation.
 - Major maintenance for boiler super heat coil.
 - Part of commissioning team for balance of plant contract including CWP, BFP, CEP, Air compressor, ...etc.
 - Experience in work permits of electrical and mechanical equipment.

Dates : From Feb. 2012 till Feb. 2013
Employer : Misr Company for Mechanical and Electrical Projects (KAHROMIKA)
Project : Erection of medium and low voltage networks for the field irrigation development stations - Ministry of Agriculture at Kafr El-Sheikh
Job title : Electrical Construction Engineer
Job Description :

- Erection of 11KV overhead transmission lines along 40 km.
- Pulling and termination for M.V and L.V underground cables along 20 km.
- Erection of 11/0.38KV transformers with different sizes up to 500 KVA.
- Erection of medium voltage switch gears and low voltage panels.
- Preparation of site activity planning in the detailed project schedule.
- Daily and long term planning at site, coordination, control and efficient utilization of the required resources for all site activities.
- Coordination with QA/QC Engineer in receiving and inspection materials at site and generation of material receiving records.

Dates : From Nov. 2010 till Feb. 2012
Employer : Ceramica Cleopatra Group, Ain Sokhna
Job title : Electrical Site & Maintenance Engineer