

104053-ELE-14CMOS-E-2006
Commissioning Electrical Team Leader

Holds a B. Sc. in Electrical Power Engineering and has about 13 years hands-on experience working in maintenance, commissioning, start-up, construction and operation at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Year : 1983
Gender : Male
Marital Status : Married
Residence : Tanta

EDUCATION

: B. Sc. in Electrical Power Engineering, Banha University, 2006

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Basic Operation Training on Steam Turbine by Middle Delta Electricity Production Company, Nubaria.
- : HRSG Training course by Middle Delta Electricity Production Company, Nubaria.
- : Basic Operation Training on Gas Turbine by Middle Delta Electricity Production Company, Nubaria.
- : Gas turbine training by General Electric Company, Belfort – France.
- : Mark 6e control system training by General Electric Company, Belfort – France.
- : EX2100e Excitation and LS2100 static starter training by General Electric Company, Belfort – France (Feb./Mar. 2013).
- : EX2100e generator control maintenance training by General Electric Company, Banha (May/Jun. 2013).
- : Maintenance of 245KV GIS by Hyundai Heavy Industries, Banha (Jun. 2013).
- : Centum VP DCS maintenance by Yokogawa, Manama – Bahrain (Sep./Oct. 2014).
- : Protection training for 220KV substation by Siemens, Banha.

- : SCADA for Generator protection & Synchronizing system by SAETpadova, Banha (Nov. 2014).
- : Maintenance for DC/UPS system & protective relaying operation and maintenance by PSP, Banha (Jan. 2015).
- : Maintenance for steam turbine generator by Ansaldo Energia, Banha (Nov./Dec. 2014).
- : Programming Siemens PLC s7 200 by Engineering Consultant Center, Alexandria.
- : Advanced H2s gas training level 2 by MAERSK, Port Said - EGYPT.
- : H2s operation area PTW training by PETROBEL, Port Said - EGYPT.
- : H2s training by PETROBEL, Port Said - EGYPT.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2020 till now

Employer : AC BOILERS formerly Ansaldo Caldaie

Project : Cairo West Thermal Power Plant 650MW Supercritical (Egypt)

Job title : Commissioning Electrical Team Leader

Job Description : Responsible for:

- ABB LV MCC commissioning (Multifunction relays, CTs, VTs, Multifunction meters, CB tests).
- MV & LV Motors tests.
- Air Heater commissioning.
- BMS commissioning.
- Soot blowers system commissioning.

Dates : From Dec. 2018 till Jan. 2020

Employer : TSK Electronica

Project : BENBAN Solar Park (Egypt)

Job title : Commissioning Manager

Job Description : Management and time scheduling for all commissioning activates and tests for PV system:

- Cold commissioning tests:
 - Continuity of protective Earthing and/or equipotential Bonding Conductors.
 - Polarity Test.
 - String open circuit voltage test.
 - String short circuit current test.
 - Functional Test.
 - Insulation resistance of the LV Circuit.
 - Insulation Test for MV Circuit.
 - Ground Resistivity and Step & Touch Test.
- Hot commissioning tests:
 - Arranging and supervision for inverter station tests and delivery station tests.
 - IR Camera Tests.
 - SCADA System.
 - Site Meters.

- PR test.
- GRID COMPLIANCE TESTS.

Dates : From Jun. 2018 till Dec. 2018
Employer : [EGYPTROL](#), AC Boilers Subcontractor
Project : South Helwan Thermal Power Plant 3x650MW Supercritical (Egypt)
Job title : Commissioning Electrical Team Leader
Job Description :

- ABB LV MCC commissioning (Multifunction relays, CTs, VTs, Multifunction meters, CB tests).
- Motors tests.
- Flame scanner system commissioning.
- Soot blowers system commissioning.
- Testing & commissioning for DESP.

Dates : From Mar. 2018 till Jun. 2018
Employer : Schneider Electric
Project : Zohr Oil & Gas Project (Egypt)
Job title : Commissioning Engineer
Job Description : 6.6KV SF6 RMU (17 unit) testing (transformer 100KVA tests, breaker tests, dielectric test).

Dates : From Dec. 2017 till Mar. 2018
Employer : [EGYPTROL](#), Al Toukhi Subcontractor
Project : HAIL 2 CCPP (KSA)
Job title : Testing & Commissioning Engineer
Job Description :

- ABB Medium voltage switchgear 4.16KV testing & commissioning (Synchrocheck relays, Multifunction relays, CTs, VTs, Multifunction meters, CB tests).
- ABB & ETA LV MCC testing (Multifunction relays, CTs, VTs, Multifunction meters, CB tests).
- MV/LV transformer testing (winding resistance, turns ratio, vector group, magnetizing current, magnetic balance, oil breakdown, CT, temperature sensor calibration).
- 33KV SF6 RMU testing (SF6 analysis, breaker tests, dielectric test).

Dates : From Sep. 2017 till Dec. 2017
Employer : Schneider Electric
Project : Zohr Oil & Gas Project (Egypt)
Job title : Commissioning Engineer
Job Description :

- Medium voltage switchgear 11KV commissioning (Synchrocheck relays, Multifunction relays, CTs, VTs, Multifunction meters).
- LV MCC commissioning (Multifunction relays, CTs, VTs, Multifunction meters, CB tests).
- Motors tests.

Dates : From Dec. 2016 till Feb. 2017
Employer : [EGYPTROL](#), SIEMENS AG Subcontractor

- Project** : Al-Burullus Combined Cycle Power Station 4800MW
- Job title** : Commissioning Engineer
- Job Description** :
 - Medium voltage switchgear 11KV commissioning.
 - Transformer tests and protections.
 - LV MCC commissioning (Multifunction relays, CTs, VTs, Multifunction meters, CB tests).
 - Motors tests.
- Dates** : From Oct. 2012 till Nov. 2016
- Employer** : MDEPC
- Project** : BANHA Combined Cycle Power Station 750MW
- Job Description** :
 - Electrical Maintenance Engineer (from Aug. 2014 till Nov. 2016):
 - Medium voltage switchgear 6.3KV.
 - Power Transformers 15.75/500KV & Aux Transformers 15.75/6.3KV.
 - Start-up and Commissioning Engineer (from Jun. 2013 till Aug. 2014):
 - Medium voltage switchgear 6.3KV commissioning (SCHNEIDER).
 - Transformer tests and protections (GE protection devices).
 - Motors tests.
 - Construction Engineer (from Oct. 2012 till Jun. 2013):
 - Construction of Generators, Transformers, Electrical motors.
- Dates** : From Mar. 2008 till Oct. 2012
- Employer** : MDEPC
- Project** : NUBARIA Combined Cycle Power Station 2250MW
- Job title** : Operation Engineer
- Job Description** :
 - Operation of Mitsubishi Steam Turbine (2x250MW).
 - Operation of Siemens Gas Turbine (4x250MW) Type V94.3A.
 - Operation of 500KV substation with four tie transformers 500/220KV.
- Dates** : From Oct. 2007 till Mar. 2008
- Employer** : ERMAS (Egyptian Railways for Maintenance and Services) Company
- Job title** : Electrical Maintenance Engineer
- Job Description** : Doing the complete overhaul of DC traction motors.
- Field of experience** : Senior Electrical Engineer with 13 years experience with multinational companies in Power Plants:
 - 8 years experience in O&M for Power Plants.
 - 4 years experience in commissioning (Power Plants, Oil & Gas).
 - 1 year experience as a Commissioning Manager for a PV Plant 100MW.