

**100672-ELE-1MOSx-E-2002**  
**Commissioning Electrical & I&C Team Leader Engineer**

Holds a B. Sc. in Nuclear Engineering and has about 20 years' experience working in maintenance, operation and commissioning at several Power Stations.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 05/03/1980  
Gender : Male  
Marital Status : Married  
Residence : Damanhour

## EDUCATION

: B. Sc. in Nuclear Engineering, Alexandria University, 2002

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

: Training in Germany in operation for Siemens gas turbine in 2004 (3 weeks).  
: Training in Germany for Siemens gas turbine in 2005 (3 weeks).  
: Training by Siemens in Cairo in SPPA t 3000 control system in 2008 (3 weeks).  
: Certified CCNA (Cisco Certified Network Association).  
: Certified CCNP (Cisco Certified Network Professional).  
: Certified CCIE (Cisco Certified Internet Expert).  
: MCSA 2003 (Microsoft certified).  
: MCSE 2012 (in progress).

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Aug. 2016 till now  
**Employer** : Orascom Co.

**Project** : Al Burullus Combined Cycle Power Station (4800MW)  
**Job title** : Commissioning Electrical & I&C Team Leader Engineer  
**Job Description** :

- Responsible for electrical and I&C activities inside the project at BOP.
- Commissioning for low voltage switchgears that belong to 4 modules and for water treatment unit (400 V) (ABB).
- Commissioning for all (MDPs & MCCs) for water treatments and hypochlorite building.
- Commissioning of sewage pumps (sanitary system).
- Commissioning of storm drainage pumps (rain pumps).
- Loop check and function test for water treatment pumps with SCADA system.
- Commissioning of pump house (trash rack, travelling screens, raw water pumps and make up pumps and dredger).
- Solo and load tests for all motors at BOP.
- Commissioning of firefighting pumps.
- Commissioning for HVAC system (MCC, LCP) for gas and steam turbine building.
- Commissioning and troubleshooting all panels that belong to MDPs, lighting, emergency lighting.
- CCTVs, supervision modules, rollup doors and Overhead cranes (10, 12.5, 25, 140 and 200 tons).
- UPS system.
- Commissioning for air compressors system.
- Implement Megger and Hipot test for all medium and low voltage cables.
- Skillful to read and understand electrical wiring diagram.
- Loop check and commissioning for (level, pressure, temperature, etc.) transmitters.

**Dates** : From Apr. 2016 till Jun. 2016  
**Employer** : Middle Delta Electricity Production Company (MDEPC)  
**Project** : Nubaria Combined Cycle Power Station (2250MW)  
**Job title** : Electrical & I&C Engineer  
**Job Description** : Responsible for electrical & I&C maintenance activities.

**Dates** : From Jan. 2016 till Apr. 2016  
**Employer** : [EGYPTROL](#), GE Energy Subcontractor  
**Project** : GE gas turbine (TM 2500) (4x25MW) in Al Hamra (Assiut)  
**Job Description** :

- Operation and Maintenance Engineer (in addition to operation, I attend overhaul for two units).
- Dealing with DCS System – Wood Word / Micronet, Logic / GAP.
- Preparation for operation of the units (check alarms and be sure that there is permissive for both units to start and all condition is achieved to start both units, survey for all auxiliary equipments (pumps, valves, filters, transmitters, ...etc.) for both units, check the level for (fuel tanks and other auxiliary tanks), check firefighting system is ready.
- Check the voltage and frequency of the grid and verify that it is suitable and in the safe range to start both units, if it is not in the proper range, I coordinate with transformers station to get right voltage for safe

operation.

- Change all types of filters (low and high pressure for fuel, air inlet filters, ...etc.).
- Take a sample every day from the fuel to insure it is pure as can as possible.
- Operate a unit called centrifugal unit used to purify the fuel.
- Follow the right instruction to start both units to keep safe operation.
- Supervise all values (temperatures, pressures, levels and many other important values) during operation from a HMI screen.
- Follow proper steps for normal shutdown and avoid emergency shutdown.
- Register a data sheet contain all values (MW, MW/H, run time hour, start and end time of operation, fuel consumption, ...etc.).
- Verify and execute all safety requirements needed for work precisely.

**Dates** : From Jun. 2015 till Nov. 2015

**Employer** : [EGYPTROL](#), GE Energy Subcontractor

**Project** : Samalut – GE TM 2500

**Job title** : Operation & Maintenance Engineer

**Job Description** :

- Dealing with DCS System – Wood Word / Micronet, Logic / GAP.
- Preparation for operation of the units (check alarms and be sure that there is permissive for both units to start and all condition is achieved to start both units, survey for all auxiliary equipments (pumps, valves, filters, transmitters, ...etc.) for both units, check the level for (fuel tanks and other auxiliary tanks), check firefighting system is ready.
- Check the voltage and frequency of the grid and verify that it is suitable and in the safe range to start both units, if it is not in the proper range, I coordinate with transformers station to get right voltage for safe operation.
- Change all types of filters (low and high pressure for fuel, air inlet filters, ...etc.).
- Take a sample every day from the fuel to insure it is pure as can as possible.
- Operate a unit called centrifugal unit used to purify the fuel.
- Follow the right instruction to start both units to keep safe operation.
- Supervise all values (temperatures, pressures, levels and many other important values) during operation from an HMI screen.
- Follow proper steps for normal shutdown and avoid emergency shutdown.
- Register a data sheet contain all values (MW, MW/H, run time hour, start and end time of operation, fuel consumption, ...etc.).
- Verify and execute all safety requirements needed for work precisely.

**Dates** : From Jan. 2012 till May 2015

**Employer** : Middle Delta Electricity Production Company (MDEPC)

**Project** : Nubaria Combined Cycle Power Station (2250MW)

**Job title** : Electrical & I&C Maintenance Engineer

**Job Description** : Responsible for electrical and I&C activities.

**Dates** : From Jan. 2008 till Jan. 2012  
**Employer** : SIEMENS  
**Project** : Shoubra El-Kheima Power Station (Thermal Power Station):  
4 units - each one 315MW, by using the newest SIEMENS control system  
SPPA-T3000  
**Job title** : Electrical Commissioning Engineer  
**Job Description** :

- Attended construction, commissioning and start-up of the project.
- Undertake responsibility for all electrical commissioning activities that belong to BOP.

**Dates** : From Jun. 2005 till Dec. 2007  
**Employer** : Middle Delta Electricity Production Company (MDEPC)  
**Project** : Nubaria Combined Cycle Power Station  
**Job title** : Electrical & I&C Engineer  
**Job Description** : Responsible for electrical and I&C maintenance activities.

**Dates** : From Jun. 2003 till Jun. 2005  
**Employer** : West Delta Electricity Production Company (WDEPC)  
**Project** : Damanhour Combined Cycle Power Station  
**Job title** : Operation Engineer  
**Job Description** : Operation gas turbine unit (250MW).