

Holds a B. Sc. in Nuclear Engineering and has over 16 years hands-on 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 Team Leader Engineer
Job Description :

- Responsible for electrical activities inside the project at BOP:
- Commissioning for all low voltage switch gears that belong to 4 modules and for water treatment unit (400 V).
- Commissioning for medium voltage power control centers (11KV).
- Commissioning for all MCCs inside water treatments .
- Commissioning for UPS System.
- Commissioning for air compressors system.
- Commissioning for HVAC system (MCC, LCP) inside gas turbine and steam building.
- Responsible for all panels that belong to MDP, lighting, emergency lighting, CCTVs, supervision modules, rollup doors Overhead cranes (10, 12.5, 25, 140 and 200 tons).
- Commissioning of many other system inside BOP.
- Solo and load tests for all pumps at BOP.
- Implement Megar and hipot test for all medium and low voltage cables.
- Troubleshoot and analysis for any electrical issues faults.
- Troubleshoot overhead cranes (10, 12.5, 25, 140 and 200 ton) faults.
- In additional to electrical issues there is some of I&C commissioning activities sometimes assigned to me from:
 - Loop check and commissioning for (level, pressure, speed, flow, temperature, etc.) transmitters.
 - Function tests for (pumps, control valves, etc.).

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

Dates : From Jan. 2016 till Apr. 2016
Employer : [EGYPTROL](http://www.egyptrol.com), 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 fire fighting 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 fire fighting 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 Jan. 2012 till May 2015
Employer : Middle Delta Electricity Production Company (MDEPC)
Project : Nubaria Combined Cycle Power Station (2250MW)
Job title : Electrical Maintenance Engineer
Job Description : Responsible for electrical 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 Engineer

Job Description : Responsible for electrical 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).