

Holds a B. Sc. in Communication & Electronics Engineering and has over 13 years hands-on experience, including 8 years working as Operation Engineer at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 27/07/1985
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Communication & Electronics Engineering, Alexandria University, 2007

LANGUAGES

Arabic : Native Language
English : Very Good
French : Fair
German : Basics

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: C language and Matlab
: HTML (for web designing)

TRAINING COURSES AND CERTIFICATIONS

- : CMRP Certification - The Certified Maintenance & Reliability Professional (CMRP) program is the leading credential for certifying the knowledge, skills and abilities of maintenance, reliability and physical asset management professionals (Apr./May 2020).
- : Training Courses of operation management in Siemens Power Academy in Germany:
 - Foundation training contents: English language, health and safety, psychology and communication, management fundamentals and leadership and supervisory skills.
 - Basic Operation training (BOT) about pumps, heat exchangers, Gas turbine design and operation, Steam turbine design and operation, water steam cycle, electrical components and I&C basics and plant operation

- in open cycle mode and combined cycle mode.
- Component specific training about Gas turbine, Steam turbine and generator in Siemens factory.
- : Two level courses in German language in IBI.
- : English courses in Science and Technology Academy.
- : Excellent knowledge in utilizing GSM (with a certificate).
- : ICDL certificate.
- : Faculty training principles of electronic circuit design, Analog and digital (summer 2004).
- : Summer trainings in 2005 at:
 - Alexandria Electricity Company.
 - Egyptian Petrochemical Company.
 - El Aamreia Company for Petroleum.
- : Summer trainings in 2006 at:
 - Abu Qir Fertilizer Company.
 - Misr Company for Petroleum.
- : Visit to Sidi Krir Power Station.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jan. 2019 till now
- Employer** : SIEMENS ENERGY O&M
- Project** : EL-BURULLUS CCPP 4800MW (GT 8000H)
- Job title** : I&C Maintenance Engineer
- Job Description** :
- Prepare and release I&C maintenance procedures, forms, checklists, RCA and incidents reports for the power plant equipment.
 - Very good experience in all I&C relevant BFS functions (incl. purchasing, stock management) and striving to decrease the department cost (COGs) of the requested spare parts, wear & tear and consumables with the FIN team and the suppliers by same quality to sustain reliability and increase the availability.
 - Very good experience in work preparation scheduling regarding planned outages and unplanned outages.
 - Good awareness in EHS principles into planning and work execution activities and aware by LOTO system.
 - Solve the troubleshooting occurred on site in (GT & HRSG) instruments, valves (AUMA & pneumatic) and BOP sensors whether in emergency situations, corrective, or routine work.
 - Outstanding leadership skills regarding technician supervision and support.

- Dates** : From Jun. 2015 till Jan. 2019
- Employer** : EEHC
- Project** : EL-BURULLUS Combined Cycle Power Plant 4800MW (one of the biggest in the world), SIEMENS GT 8000H type with KKS
- Job title** : Operation Engineer
- Job Description** :
- Support the operation manager to organize and coordinate resources.
 - Prioritize activities to ensure the plant operation.
 - Ensure all operation activities are performed compliance with local laws

and regulations.

- Support activity the setup, maintenance and continues improvement of a safety and health management system.
- Organize and coordinate required technical training.
- Support the operation manager to maintain a close client contact.
- Follow internal processes and procedures.
- Support the operation departments shift team with daily activities.
- Support the operation manager to establish and ensure compliance with a permit-to-work system.

Dates : From Jun. 2011 till Jun. 2015
Employer : West Delta Electricity Production Company
Project : Sidi Krir Combined Cycle Power Plant 750MW
Job title : Operation Engineer
Job Description :

- Possessed enough experience in how to produce electricity using gas turbines using LP and HP/IP turbines.
- Possessed detailed work experience in auxiliaries and boilers of gas turbines combined cycle.
- Work well on a steam turbine and gas turbine with all their details and see in and out of them.
- The electricity department: Worked on all the bars (HV-MV-LV) as (6.3KV-11KV-MCC 400V - load center - battery chargers - UPS - etc.) and all the electrical work and switching over on the bars, out of them and isolate them using feeding circuit breakers and the coupler between them. Also, worked with steam and gas units transformers, main transformer (up from 21KV to 500KV), auxiliaries transformers (down from 21KV to 6.3KV or 11KV), excitation transformer and SFC (start-up frequency converter).

Dates : From Mar. 2009 till Mar. 2011
Job Description : Worked as RF (GSM and 3G) Measurement and Treatment Engineer in MAG Consulting to Nokia Siemens Company for Mobinil Company and sales in communications instruments (Team Leader for drive test engineers).

Further experiences : Worked as an Instructor and taught some subjects in electrical department in Faculty of Engineering, Arab Academy and in Alexandria Higher Institute for Engineering and Technology (AIET) such as mechanics subject (statics and dynamics), Engineering drawings, Digital and Analog electrical circuits, and Math 1, 2, 3, 4 (differentiations, integrations, ...) (from 2007 till 2019).