

Holds a B. Sc. in Mechatronics Engineering and has over 5 years hands-on experience working in maintenance activities (planning & execution) in electrical substations.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 24/01/1989
Gender : Male
Marital Status : Single
Residence : Mokattam, Cairo

EDUCATION

: B. Sc. in Mechatronics Engineering, Higher Technological Institute (10th of Ramadan), 2011
: Secondary Education: Al-Waha Language School (Mokattam)

LANGUAGES

Arabic : Native Language
English : Fluent
French : Fair

COMPUTER SKILLS

: Windows, MS Office, Internet
: MS Project

TRAINING COURSES AND CERTIFICATIONS

: Total Quality Management (TQM) Diploma (Quality system standards / Planning for top quality / Statistical quality control / Basic six-sigma & Lean manufacturing / Project management / Managing quality functions), American University in Cairo (AUC) (2014-2015).
: Training course in OPERATION AND CONTROL OF DIGITAL CONTROL SYSTEM (DCS), ALSTOM Montpellier, France (May 2014).
: Training course in FUNDAMENTALS OF CONTROL CIRCUITS (Jan. 2013).
: Training course in MAINTENANCE AND TESTING OF POWER TRANSFORMERS (Sep. 2012).
: Schlumberger 1 week assessment (Oct. 2012): Hands-on training in Coil Tubing division.
: Automation course (summer training 2011): Developed an arm robot with infrared wireless control as final project.

- : EGEMAC (summer training 2010): Pioneered PLC maintenance problems in hydraulic operated machines.
- : EGYPT AIR (summer training 2010): Contributed in the maintenance activities through the cracks tests.
- : COCA COLA factory (summer training 2009): Contributed in the maintenance activities through the shift changing.
- : LEONI WIRING SYSTEMS (summer training in 2008): Helped in finding a new layout for decreasing time lost between manufacturing stages and the coordination between them and other departments.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Feb. 2016 till now
- Employer** : Egyptian Electricity Transportation Company
- Job title** : Maintenance Engineer
- Job Description** :
- Managing all the maintenance activities & maintenance team in "Metro" 220KV/20KV substation.
 - Responsible for the maintenance schedules issuing and performing.
 - Attended the testing and commissioning of "BADR" 500/220KV substation.

- Dates** : From May 2012 till Feb. 2016
- Employer** : Egyptian Electricity Transportation Company
- Job title** : Operation Engineer
- Job Description** :
- Supervised maintenance activities and operation activities between "Cairo Airport" 220KV/66KV/11KV substation and NECC (National Energy Control Center) (from Nov. 2014 till Feb. 2016).
 - Supervised maintenance activities and operation activities between "Metro" 220KV/20KV substation and NECC (National Energy Control Center) (from May 2012 till Nov. 2014).
 - Trained and supervised 2 operation teams, and provided orientation trainings for new recruits.
 - Good knowledge in control circuits.
 - Excellent usage of DCS system (PACIS).
 - Maintenance and testing of power transformers.
 - Good knowledge in automation (PLC, SCADA, Microcontrollers).

Skills:

- Experience in power transmission (high voltage substations).
- Responsible for all the maintenance activities (planning & execution) in electrical substations.
- Excellent knowledge in Total Quality Management.
- Very good command of PIC basic programming language.
- Very good background in microcontrollers.
- Excellent command of PLC and ladder diagram programming.
- Background about Labview and Scada.