

Holds a B. Sc. in Electrical Power & Machines Engineering and has more than 11 years hands-on experience working in maintenance and automation.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/10/1988
Gender : Male
Marital Status : Married
Residence : Helwan, Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Helwan University, 2010

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet

TRAINING COURSES AND CERTIFICATIONS

- : Faculty's workshops (electrical motors, Winding motors, cables, lighting, electronics and control) (summer 2006).
- : Siemens step7 300/400 PLC course level 1 & 2 & 3 under supervision of Siemens Company.
- : Safety course (site lectures).
- : Management skills.
- : AB cement course under ASEC Engineering supervision.
- : Trainings at National Cement Company (summer 2007 & 2008 & 2009).
- : Maximo software under NL Supervision Center.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jun. 2019 till now
Employer : Germany Company for batteries manufacturing
Job title : Electrical Automation Engineer

Job Description :

- PLC Troubleshooting Siemens & Mitsubishi & Delta and Omron.
- Work in many types of instrumentation and sensors (RTD, thermocouples, pressure, Vibration, load cell, ultrasonic, limit switches, Flow, Level and Speed).
- PLC Siemens programming with (LD, STL, SCI).
- HMI programming.
- Commissioning for new machines.
- Dealing with Scada system as PCS7 and Indusoft.

Dates : From Jun. 2018 till May 2019
Employer : Asec Automation - TCI Sanmar for Petrochemicals Company
Job title : Electrical Shift Engineer
Job Description :

- 6.6KV Switchgear with SF6 C.B.
- 22/6.9KV oil type power transformers.
- 6.6/.4KV oil type power transformers.
- 380 V / 380 V dry type power transformer.
- 6.6KV medium voltage motors.
- L.V Panels and Motor Control Centers.
- Work in AC drives (ABB).
- Soft starter panel.
- Work at annunciation panel.

Dates : From Sep. 2012 till Nov. 2017
Employer : National Cement Company (NCC)
Job title : Electrical Maintenance Engineer
Job Description : Maintenance and troubleshooting for all Electrical and instrumentation Equipment Of the factory (quarry, sampling, gridding, production lines, cement grinding and packing) as follows:

- 6.3KV Switchgear with SF6 C.B and oil C.B.
- 6.3KV / 0.4 Oil Type Power Transformers.
- 6.3KV Slip Ring Motor and its Starter up to 2MW.
- L.V Panels and Motor Control Centers.
- Work in AC drives (ABB).
- Work in many types of instrumentation and sensors (RTD, thermocouples, pressure, Vibration, load cell, ultrasonic, limit switches, Flow, Level and Speed).
- Dealing and troubleshooting many machines (weigh feeders, conveyors, compressors, water system, ...etc.).
- PLC Troubleshooting Siemens PCS7.
- Dealing with Scada system (Wincc – Wincc flexiable).
- Commissioning at upgrade for line 3 & line 4 from 2014 to 2015.
- Medium voltage circuit breaker testing (contact test and timing test) by omicron CPC100.
- Current transformer testing by omicron CT analyzer.
- Transformers testing.

Dates : From Sep. 2011 till Sep. 2012
Employer : Swiss Engineering Company "ASEC" / National Cement Company
Project : Sinai Grey Cement Plant

- Job title** : Electrical Maintenance Engineer
- Job Description** :
- Worked efficiently in both general and shift duty required from the Department.
 - Handling & tackling the electrical problems during shift operations for smooth and continuous running of the plant (diagnose and troubleshoot problems with existing equipment).
 - Coordination of responsibilities between departments in the shift duty.
 - Maintenance and troubleshooting for all Electrical and instrumentation Equipment of the factory (quarry, sampling, gridding, production lines, cement grinding and packing) as follows:
 - 6.3KV Switchgear with SF6 C.B and oil C.B.
 - 6.3KV / 0.4 Oil Type Power Transformers.
 - 6.3KV Slip Ring Motor and its Starter up to 2MW.
 - L.V Panels and Motor Control Centers.
 - Work in AC drives (ABB).
 - PLC Troubleshooting.