

Holds a B. Sc. in Electrical Power & Machines Engineering and has more than 1 year hands-on experience working in maintenance field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 06/12/1990
Gender : Male
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Helwan University, 2014

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Advanced Plc Siemens "S7-300" from Schneider.
- : Modern control system of AC & DC motors from Schneider.
- : SCADA Systems from Schneider.
- : Designing of low voltage & medium voltage distribution systems.
- : AutoCAD program.
- : Light current contain:
 - Fire alarm system & C.C.T.V network & Sound system.
 - Data network & telephone systems.
- : Summer training in workshops in Helwan Engineering Faculty (four weeks).
- : Summer training in The Egyptian Iron & Steel Company (four weeks).
- : Summer training in the Egyptian Electricity Transmission Company in the Networks Training Center (two weeks).
- : Summer training in the South Cairo of Electricity Distribution Company in El Moqatam Training Institute (two weeks).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Mar. 2016 till now
- Employer** : Egyptian Iron & Steel Company
- Job title** : Maintenance Engineer
- Job Description** :
- Responsible for maintenance of hot steel rolling & milling machines production line (automated by PLC Siemens S7-300 family) and able to troubleshoot, identify, install and programming it and dealing with the production line problems.
 - Responsible for electrical maintenance of (power & control circuits) for the following equipments:
 - Electrical cranes & winches up to 30 Tons.
 - Horizontal Bar Bending machine of 200 Tons.
 - Screw friction press 160 Tons.
 - Bending crank press 250 Tons.
 - Compressors (synchronous motors up to 4 mega).
 - Different types of Welding machines (motor generator set type and auto transformer type).
 - Vertical & horizontal lathes machines.
 - Boring machines (type of lathes machines).
 - Iron Scissors from (5mm up to 25mm).
 - Drilling machines.
 - Pumps.
 - Bandwidth saw machine.
 - Combination punching & sharing machine.
 - Responsible for Temperature control of Electric induction furnaces.
 - Good training inside the factory and good background in the followings:
 - Motors winding.
 - Testing of Electricity Networks.
 - Testing of electrical machines (motors & generators AC & DC).
 - Rolling & milling process.
 - Electronic components testing.
 - Responsible for maintenance of prime movers for dc generation.
 - Sharing maintenance team to design and select cables, circuit breakers, contactors and overloads.
 - Responsible for repairing and designing thyristor cards for making speed control of DC motors.
 - I have good experience in PLC SIEMENS S7 300/400 troubleshooting and programming modification.
 - I have experience at SCADA system.
 - Installation and programming most of inverters and software types.
 - Responsible for maintenance of (synchronous motors and its excitation system).
 - Responsible for maintenance of 2 transformers of 1 mega VA.
- Dates** : From Feb. 2016 till Jul. 2016
- Employer** : Zamzam Factory for Grain Pellets & Milling
- Job title** : Electrical Maintenance Engineer
- Job Description** :
- Responsible for maintenance of all electrical & mechanical equipments within the factory including (motors - breakers - switch gears - classic control panels - pneumatic system - boilers - diesel engine - water

- station - air compressor - mixers - pellet system - hammer mill - sifters).
- Dealing very good with automation system of factory through the (PLC step7 -300).