

104547-ELE-M-E-2007
Senior Electrical Maintenance Engineer

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 12 years hands-on experience, including 11 years working in maintenance.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Marital Status : Married
Residence : Port Said

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Suez Canal University, 2007

LANGUAGES

Arabic : Native Language
English : Good
French : Fair

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD 2D

TRAINING COURSES AND CERTIFICATIONS

- : Course (SCADA Basic & Networking SIMATIC WinCC) at Misc (Industrial Automation Systems) (2016) including:
 - Integration of WinCC in SIMATIC manager (TIA).
 - Hardware and Network configuration.
 - Tag management and Graphic view and designer.
- : Course (plc advanced) at Misc (Industrial Automation Systems) (2016) including:
 - Hardware and Network configuration on Siemens s7-400.
 - Training on SIATIC Manager & Software and WinCC Flexible.
- : Cycle concepts and an internal review in quality management systems, environmental systems and safety management systems and occupational health in accordance with the requirements of international standards (ISO 9001/2008-ISO 14001/2004-BSOHSAS 18001/2007).
- : Training in Suez Canal Authority (Jul./Aug. 2006).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Aug. 2017 till now
Employer : TCI SANMAR CHEMICALS SAE
Job title : Senior Electrical Maintenance Engineer
Job Description :

- Working in Albasmalah for trading & contracting site (Tci sanmar chemicals sae) Petrochemical Company.
- Responsible for two planets (Ethylene and CACL2).
- Follow up (MV-LV) electrical substations
- Follow up TR (10MVA) 22/6.6KV and four TR (2MVA) 22/4KV and diesel generator 1.6MVA.
- Follow up variable speed drives and soft starters (Schneider Electric).
- Follow up UPS system (battery charger - distribution board).
- Responsible to ensure CM/PM are done.
- Technical support for technicians in MV and LV (MOTORS - SWITCH GEARS).

Dates : From Aug. 2008 till Aug. 2017
Employer : Kapci Coatings
Job title : Senior Electrical Maintenance Engineer
Job Description :

- I am a Team Leader. My team consists of two Engineers and fifteen Technicians.
- Reporting directly to Engineering Department Manager.
- Technical support for technicians in (LV panels - LV motors - earth measuring).
- Performing and supervising the plans for preventive, periodic and corrective maintenance using SAP plant maintenance program.
- Familiar with HVAC (Air handling units (AHUs) & split air conditioners & chiller system), responsible for installing and maintaining the electrical components in an HVAC system, including all electrical wiring and controls.
- Familiar with SIEMENS industrial software (Simatic Manager / WinCC / WinCC Flexible).
- Familiar with SIEMENS industrial hardware (PLC S7-400H, ET 200 and ET200ISP for I/Os, Sirius series low voltage MCC).
- Familiar with instrumentation equipments.
- Supervising the spare parts status, consumption rate and ordering.
- Performing purchasing orders on SAP system.
- Direct contact with electrical & mechanical suppliers, contractors and authorized dealers.
- Coordination with production, quality control and quality assurance departments for optimizing the maintenance plan timings.
- Weekly and annual checks for forklifts (STILL) batteries, generator and transformers.

Dates : From Feb. 2008 till Jun. 2008
Employer : IPIC
Job title : Sales & Marketing Engineer

Dates : From Sep. 2007 till Dec. 2007
Employer : Consultant Office at Port Said
Job title : Electrical Design Engineer

Skills:

- Extensive experience in performing electrical maintenance on all operations in a petrochemical industry.
- Substantial knowledge of preventative maintenance system.
- Familiar with PTW.
- Familiar with Electrical protection concepts (EX d - EX E - EX I - EX P).
- Familiar with the Safety instructions in petrochemical plants.
- Ability to analyze and find the root causes and give recommend improvements on plant equipment.
- Familiar with making testing for switchgear (C. B & Busbars & C. T) and Motor with megger test.
- Familiar with Etap program (LFA - S. C A).