

Holds a B. Sc. in Electronics & Communications Engineering and has more than 4 years hands-on experience working mainly in maintenance and construction.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 14/02/1990
Gender : Male
Residence : Alexandria

EDUCATION

: B. Sc. in Electronics & Communications Engineering, Arab Academy for Science & Technology (AASTMT), 2012
: Secondary Education: Collège Saint-Marc, 2007

LANGUAGES

Arabic : Native Language
English : Fluent
French : Fluent

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet
: Logix Pro simulation Allen-Bradley PLC
: Starfix, Multifix, Coda (under Linux)
: AutoCAD
: AutoCAD Electrical

TRAINING COURSES AND CERTIFICATIONS

: Project Management (PRMG) (ongoing), The American University in Cairo (AUC).
: Fugro Academy Engineering course (Underwater and Navigation).
: IELTS.
: PLC Siemens.
: Basic Offshore Safety Induction & Emergency Training (BOSIET).
: Basic First Aid.
: Basic Fire Fighting.
: Atmel AVR Microcontroller.

- : DELF: A5, A6.
- : BMW club (level 1 & 2): professional certificate in automotive systems.
- : Certified user of Proteus PCB design, VSM co-simulation software.
- : Certified user of Eagle PCB design software.
- : Certified user of Code Vision AVR.
- : Certified user of Totally Integrated Automation (Portal) Siemens.
- : Certified user of Totally Integrated Automation (S7-PLCSIM) Siemens.
- : Summer training at SUMED, Petroleum Pipelines Co. (2010):
 - Trainee as an Onshore Electronics & Communications Engineer.
 - Trainee for a "special week experience" in PLC used for automation of electromechanical processes.
- : Summer training at Alexandria Arsenal – Defense Ministry (2009):
 - Trainee as Technical Support for control units system and winches operations.
 - Trainee as Marine Electrical & Electronics Engineer.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Nov. 2015 till now
- Employer** : El-Nour Optics
- Job title** : Electrical Engineer
- Job Description** :
- Schedule and undertake periodic maintenance on all electrical equipment, components, and installations.
 - Provide prompt response to inquiries whenever there is a breakdown, and resolve the issue as quickly as possible.
 - Ensure that equipment is in good working order so as to prevent disruption of activities.
 - Recommend replacement for old or faulty electrical components or fittings to the management.
 - Assist in forecasting requirements, creating a budget and scheduling expenses for the electrical department.
 - Keep record of all stock and supplies, including company's electrical equipment.
 - Check and take stock level of all electrical and electronic spare parts, to have sufficient and adequate stock levels.
 - Working in collaboration with the production team to formulate the best cost-effective manufacturing process.
 - Troubleshoot machine breakdowns and provide preventive maintenance services.
 - Provide safe working environment for members of staff, and ensure electricity induced accidents and mishaps are prevented.

- Dates** : From May 2014 till Sep. 2015
- Employer** : Fugro S.A.E, Cairo
- Job title** : Field/Survey Engineer
- Job Description** :
- Job summary: One of the main tasks is operating on different types of underwater equipment and positioning systems according to job requirements and direct manager instructions.
 - Fully complying and adhering to QHSE management system.

- Stop any of dangerous situations that may lead to a fatality or any type of incidents.
- Preparing, testing and packing positioning and underwater equipment at the workshop.
- Mobilization and demobilization of the equipment on vessels or rigs.
- Operating on different types of underwater equipment and positioning systems according to job requirements:
 - Underwater equipment; motion sensors, sound velocity probes, side scan sonar, magnetometer, single beam echo sounder, multibeam, and Sub bottom profilers such as pinger, sparker, boomer, and edge tech.
 - Underwater positioning equipment; USBL.
 - Positioning equipment; Starpack, Starport, 9200, 9205, 8200, 3510, 4100, and Eurodrone.
 - Software: Starfix, Multifix, Coda (under Linux).
- Diagnosis technical problems that may occur offshore and report it.
- Maintenance and repair of electronics problems at workshop.

Dates : From May 2013 till Apr. 2014

Employer : ADES (Advanced Energy Systems), Cairo

Project : ADMARINE 4' Project

Job title : Junior Electrical Engineer

Job Description :

- Install sound systems, security systems and voice and data systems.
- Install lighting, electrical outlets, and circuit breakers.
- Secure brackets to bulkheads with screws and bolts and pull wires through conduit leading to connection boxes, switch panels, and other terminals.
- Use tools such as screwdrivers, pliers, knives, hacksaws, and wire strippers.
- Replace faulty circuit breakers, fuses, switches, electrical and electronic components, or wire.
- Install new lighting and ceiling fans.
- Repair motors, transformers, generators, and electronic controllers on machine tools.
- Consult with engineers, engineering technicians, line installers and repairers, or industrial machinery mechanics and maintenance workers when performing installations.
- Experience on Jack-up Drilling Rigs.

Field of experience : A competent Engineer with a comprehensive knowledge of designing, developing and maintaining electrical systems and components to required specifications, focusing on economy, safety, reliability, quality and sustainability.