

Holds a B. Sc. in Electrical Engineering and has about 13 years hands-on experience working in maintenance field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/09/1982
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Electrical Engineering, Suez Canal University, 2004

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: Safety Training and Observation Program (STOP for safety).
: Rig sense course operating and maintenance.
: Lifting and working at heights.
: AC Generator.
: AC & DC motors.
: Silicon Controlled Rectifier (SCR).
: Training program at Lyoid's register and RINA classification society in safety survey of ships.
: Electric Safety.
: Fire Fighting.
: H₂S.
: First Aid.
: VR2000 (Maintenance Program).
: Safety Values.
: Radio compass maintenance and inspection.

- : Maritime communication systems.
- : Global maritime distress and safety system.

CHRONOLOGICAL EXPERIENCE RECORD

- Employer** : Saudi Arabian Saipem Ltd DRILLING COMPANY
- Job title** : Electrical Maintenance Engineer (Chief Electrician)
- Job Description** : Responsible of fixing and maintenance of electrical equipment:
- Carry out the complex fault finding, minor repairs and preventative maintenance on a variety of LV/HV electrical equipment and associated switchgear. Identify requirements for major repair, replacement and or workshop reconditioning work to be carried out. Update preventive maintenance records for work done, including electrical drawings.
 - Carry out preventive maintenance and trouble shooting A/C, D/C drive systems, inverters, SCR and Variable Frequency Drive and PLC Siemens, Allen Bradley and NOV.
 - Carry out electrical equipment fault finding and repair work. Diagnoses, check and repair faults on various items of equipment in the power generation and distribution system, including AC generators (kato, Baylor and Perkins electriampianti), and automatic voltage regulators, synchronizing equipment and protection relays. Use multimeters, Insulation resistance meters, and cable fault location techniques on motors, electronic control systems and circuit breakers. Repair faults by repairing or replacing parts on relays, breakers, contractors, isolators and other switchgear components.
 - Work on Tesco top drive, National Oil Varco NOV TDS11SH and TDS11SA top drive.
 - Carry out the routine maintenance of various power generation and distribution equipment and related switchgear, and other equipment such as motors, pumps, transformers, cranes and hoists. Include inspecting and testing equipment according to check-lists, calibrating relays as required. Clean and replace defective or worn parts, dismantle and repair starters, drive systems, generators, alternators and switches. Complete maintenance tasks and restart and test equipment in running condition.
 - Carry out on workshop overhauls of electrical equipment. Include stripping down units, changing parts, replacing electronic cards and bench testing equipment before re-installation. Maintain various electrical tools, test equipment and domestic appliances such as kitchen ranges, dishwashers, hot water boilers, washing machines, onboard entertainment systems, ensuring that all function correctly.
 - Carry out various complex maintenance and repair tasks on industrial and non-industrial lighting systems; fault finding on both fluorescent and discharge types and repairing control systems'. Repair and test explosion proof equipment, ensuring correct glanding and earthing is carried out in accordance with applicable standards. Carry out all earthing activities, recognizing the necessity for good earthing, particularly in hazardous areas.
 - Carry out all activities in accordance with Company safety procedures and manufacturer's recommendations, ensuring that all precautions are taken to isolate equipment prior to commencing work.

Employer : EGYPTIAN DRILLING COMPANY (E.D.C)

Job title : Senior Electrical Preventive Maintenance Engineer

Job Description : Types of rigs worked:

- EDC RIG 50 (NATIONAL 110 UE1500 HPLand Rig):
 - Rated Drilling Depth 16000 ft with 5" drill pipe.
 - Drawworks: National110-UE 1500.
 - Top DriveTesco, Model TDT 500 HS-Hyd. Capacity 500 Ton.
 - Pumps: 2-National Oilwell 1600 HP each Powered by 2 Gulf electric DC motors.
 - Rig Power Supply: 3-Caterpillar 3512 engines each powering SR4 Generators controlled by RossHill SCR System Model 1400.
 - Auxiliary Brake: Baylor 6032.
 - Rotary Load 800,000 lbs.
 - Blocck control to control traveling block speed and height.
 - Mud watch upgraded by m/d totco rig sense.
 - Camp to accommodate 88 persons powered by 2-caterpillar 3406 engine driving generator.
- EDC RIG 49 NATIONAL 110 UE1500 HPLand Rig:
 - Rated Drilling Depth 16000 ft with 5" drill pipe.
 - Drawworks: National 110-UE 1 3/8" drill line.
 - Rotary Load: 1,000,000 lbs.
 - Pumps: 2-Oilwell.
 - Rig Power Supply: 3-Caterpillar 3512 each powering SR 4B 1321KVA generator// Ross Hill SCR System Model1400.
 - Auxiliary Brake: Elmago 6032.
- SAIPEM SAS5832 DRILLMEC 2000 HPLand Rig:
 - Drawworks: EDECO.
 - Top Drive NATIONAL OIL VARCO NOV TDS11SA.
 - Pumps: 2-EDECO each Powered by 2 Gulf electric DC motors.
 - Rig Power Supply: 4-Caterpillar 399 engines each powering KATO Generators controlled by INTERNATIONAL DRILLING RIGS (IER) SCR System Model Allen Bradley PLC SLC1500.
 - Auxiliary Brake: Baylor 6032.
 - BENTEC anti collision system to control traveling block speed and height.
 - RIG WATCH Instrumentation SYSTEM.
 - Camp to accommodate 80 Persons powered by 2 PERKINS engine driving generator.

Employer : Egyptian Authority for Maritime Safety (EAMS)

Job Description :

- Participating in twinning project between Egypt and Sweden for maritime safety, making the technical inspection of Egyptian ships according to international conventions and codes.
- Electrical, instruments and safety equipment surveyor to apply the international conventions for safety of life at sea (SOLAS) and global maritime distress and safety system (GMDSS) for the electrical, instruments, electronics.
- Instruments & electrical installation all over the following types of ships:
 - Mobile offshore drilling units.
 - Passenger's ships, including high-speed passengers craft.
 - Cargo ships, including high-speed craft of 300 gross tonnage and up ward.