

**Contact**

**Send you Cv’s to** [**hr@mazco.com.sa**](mailto:hr@mazco.com.sa)

**Or**

**Post Box: 2486, Dammam 31451,**

**KINGDOM OF SAUDI ARABIA.**

**Tell: +966 3 8260080 EXT: 31**

**Fax : +966 3 8266618**

**Website::**[**www.mazco.com.sa**](http://www.mazco.com.sa)



Rig Electrician

**Job Description:**

Rig Electrician shall:

* + Provide on-site supervision of Rig Electricians & Trainees to the degree required for the experience level and job skill of the person or persons assigned normally 2 to 4 persons.
  + Read and fully comprehend manuals, schematics, blueprints, as built drawings of the rig and all related equipment. Using these skills whenever possible for on-the job training of Rig Electricians and Trainees.
  + Monitor the work performance of Rig Electricians & Trainees to insure the work is done properly and all safety regulations are adhered too.
  + Liaison with Rig Foreman, Tool Pusher, Barge Captain, Rig Mechanic, Drill Crew, and others as required for the proper scheduling of repairs and maintenance work.
  + Perform troubleshooting and repairs that could be deemed outside the experience level of on-site Rig Electricians & Trainees. Making use of the troubleshooting and repair instances as opportunities to perform on-the-job training whenever possible.
  + Complete on-site work permits, perform pre-job checks and assign maintenance and repair jobs to Rig Electricians as per their individual experience level.
  + Perform post-job checks and testing of equipment after repairs.
  + Perform daily, weekly, monthly, quarterly, semi-annual, and annual inspections and maintenance as set forth in the preventative maintenance program.
  + Complete daily electrician’s reports, equipment maintenance reports, and preventative maintenance reports, distribute as required.
  + Order materials and supplies as required for implementing necessary repairs and maintaining an on-site stock level of expendables and critical spares.
  + Teach SAUDI ARAMCO Drilling and Work over employees in accordance with the PM System.
    - Teach and train electrical maintenance staff
    - Teach how to document current condition of equipment and/or sub-assemblies prior to commencing repairs.
    - Teach how to inspect equipment and troubleshoot electrical, electromechanical and electronic systems.
    - Teach how to isolate the subsystems or components that might have caused the problem.
    - Teach how to perform all tests and repair in strict compliance with the equipment manufacturer's service manual and bulletins.
    - Teach how to inspect parts for wear and replacement to prevent electrical equipment failures.

|  |
| --- |
| * Teach how to list parts to be replaced referring to manufacturer's manuals and diagrams. * Teach how to perform post-overhaul/repair checks for malfunctions. * Teach how to document inspections, test results, repair work done and parts replaced for proper billing and record upkeep. * Teach how to use personal protective gear and follow shop safety practices as required while working. * Teach how to maintain cost controls in an effort to reduce costs without compromising maintenance quality   **Qualification:**   * + High School Diploma or G.E.D.   + Associates Degree from a fully accredited technical college   + Manufacturers training courses, a minimum of two of the following:   + Ross Hill SCR Systems   + IPS SCR System   + Baylor SCR Systems and Brake Controllers   + PLC (Programmable Logic Controls   + Caterpillar Engine controls   + Martin/Decker Instrumentation   + Air conditioning & Refrigeration training curse   + Minimum of 15 years in the electrical field with not less than 10 years experience in the Oil/Gas drilling industry.   + Has an extensive knowledge of all electrical test equipment associated with the electrical maintenance of drilling rigs, i.e. VOM, digital millimeters, oscilloscope, muggers, phase rotation detectors etc.   + Have a working knowledge of computers with a minimum capability of using Microsoft programs such as word, outlook, and excel.   + Familiar with API, ABS, IEEE, & SOLAS standards.   + Have good leadership skills with the ability to perform on-the-job training for Rig Electricians and Trainees.   + Have the communication skills necessary to submit reports, complete forms and converse with supervisors and management.   + Must have a working knowledge of drilling operations i.e. insure knowledgeable recommendations/decisions are made to minimize interruption of rig operations.   + Familiar with API, IEEE, & SOLAS Standards.   + Have good leadership skills with the ability to perform on-the-job training for Rig Electricians and Trainees.   + Have communicating skills necessary to submit reports, complete forms and converse with supervisors and management. |



