

Rig Electrician



Contact

Send you Cv's to 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

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 course
- 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.

Contact

Send you Cv's to 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