



Drilling Rig Electronic Control Engineer

What is a drilling rig electrical system?

The result is a system that allows the rig to switch power sources from diesel to utility power and back if necessary without any electrical connections that might endanger the crew. Drilling rigs have high demand and severe electrical operating conditions that require the most robust electrical systems.

What is a drilling control system?

The Drilling Control System (DCS) is at the heart of your drilling rig operations. At Jelec we focus on research that improves the operating environment. Our DCS provides safe operations, user friendly controls and optimized efficiency of the equipment and drilling process. An open-architecture is one of the main features for the system.

Can an electrician work on a drilling rig?

As an electrician you have a good basis for a career within offshore electrical engineering. The minimum for everyone who will work offshore on a drilling rig is that they must have an approved health certificate, as well as safety course.

What qualifications do you need to work on a drilling rig?

The minimum for everyone who will work offshore on a drilling rig is that they must have an approved health certificate, as well as safety course. Most offshore positions also require that you have good knowledge of English and applicants with a trade certificate and relevant experience will most often be preferred.

Core drilling has been widely used in mineral exploration with diamond-impregnated drilling technology. Automation is a critical technology ...

To-day the responsible company for offshore winches is Lidan Marine AB, while Lidan Engineering AB is responsible for manufacturing and marketing of Automated Drilling and ...

drilling project is successful due to the efforts of rig specialists--driller, company man, toolpusher, mud engineer, directional driller. Individual remote work-stations with access to graphic and ...

Opportunities abound for improvement in oilfield drilling control systems, their basic design, and documentation on how they should be tuned and best used. There are also ...

Intelligent drilling and completion implies using big data, AI, information engineering, control theory, and other advanced transformative technologies in the drilling and completion ...

Seasoned Electronics Engineer with 10+ years of specialized expertise in control and automation systems for oil drilling rigs. Holding a Bachelor's Degree in Electronics Engineering, I bring ...



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Drilling rigs represent sophisticated multi-functional working units that combine various machines into a unified system for oil and gas exploration and development. These engineering marvels ...

?Chief Electronic Tech | Rig Maintenance Supervisor | Rig Engineer | NOV Certified Amphion Rig ET? · ?* Rig Chief Electronic Technician / Rig Maintenance Supervisor with 15 years" of ...

Do you have experience developing innovative and reliable control algorithms and software for downhole drilling systems? Do you want to be part of the Geothermal energy ...

344 Electrical Engineer Offshore Drilling jobs available on Indeed . Apply to Electrical Engineer, Entry Level Electrical Engineer, Reliability Engineer and more!

The power system on drilling rig usually consists of a prime mover as the source of raw power and some means to transmit the raw power to the end-use equipment.

Our experienced multi-disciplined teams combine professionals in electrical and electronic engineering, Well Control, mechanical engineering, marine ...

Leading the industry in rig automation, our control systems seamlessly integrate drilling equipment, improve performance, and boost drilling efficiency.

46 Drilling Rig Electronics Technician jobs available on Indeed . Apply to Field Technician, Electronics Technician, Test Technician and more!

Traditional vertical shaft drilling rigs often suffer from inconsistent speed regulation, high energy consumption, and excessive noise. To address these challenges, this work ...

Halliburton and Sekal have announced the deployment of what they claim to be the world"s first automated on-bottom drilling system for ...

Electrical Controls & Instrumentation Drilling Control System The Drilling Control System (DCS) is at the heart of your drilling rig operations. At Jelec we focus ...

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You do this by testing, developing, operating, maintaining and repairing electronic systems and equipment. Electrical Engineering Jobs The electronics you work with can be connected to ...

It achieves this by coupling the models with smart directional drilling tools and the rig automation control



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system. "This project demonstrated autonomous on ...

Electrical Engineering Jobs Description In your electrical engineering job as an offshore electrician, your task is to ensure operation and work to prevent machines and equipment on ...

System Engineer [Rig ET], Offshore Platform Drilling Rig · Experienced Electronic Technician with a demonstrated history of working in the oil & gas industry.

The Cameron digital drilling control system (DDCS) portfolio creates an integrated control and information system that boosts drilling operations. A high-value ...

Design of Digital Twin Architecture for Drilling Engineering Digital twin is the process and method of forming a model of a production process in the physical world and its digital image in the ...

I have qualifications and holding Bachelor degree in Electrical Engineering. I believe I possess the skills, qualification and experience necessary and looking forward to obtain a position of ...

Drilling Electronic Jobs on Rigzone . Electronics Technician, Princ, R& M (Repair & Maintenance) Supervisor - Drilling, R& D Electrical Hardware Engineer - Power ...

2000m-7000m electronic control system of AC electromechanical drive drilling rig is composed of AC turntable individual drive control system, intelligent auto drilling system, Siemens/PLC ...

The developed electronic control system is matched on the drilling rig, which can improve the automation of the drilling rig, better guarantee the safety of personnel and equipment, and play ...

HOUSTON - February 26, 2025 - Halliburton (NYSE: HAL) and Sekal AS deployed the world's first automated on-bottom drilling system with the ...

Cameron drilling control rooms (DCRs) are tailored to the customer's drillfloor layout and requirements, and range from compact one-seater cabins to large ...

Chemical and process engineering Completions engineer - Wells Construction Control and automation engineering Drilling engineer - Wells Electrical engineering Electrical engineering - ...

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