



Electrical Engineer for Electric Drilling Rigs

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 does an oil rig electrician do?

As an oil rig electrician, you can be expected to perform maintenance on a drill or pump. These are typically located on a floating rig or an artificial island. Some facilities are even attached directly to the ocean floor. An oil rig electrician is expected to have knowledge of power generation, motor controls, safety devices, and instrumentation.

How do I become an oil rig electrician?

Pay special attention to automated and cooling systems when in electrical school, and try to tailor your studies as much as possible (either through independent reading or specific courses) toward the oil rig industry. In addition to knowing the wiring and functions of your workplace, it will be beneficial to display good leadership qualities.

What makes a good oil rig electrician?

You'll need to be able to both give direction, and follow direction, from your team and superiors. A successful oil rig electrician will need to be able to work alone, and with a group, to maximize productivity. While the future of energy may shift away from oil, it's unlikely that oil will lose its value any time soon.

Is an oil rig a good job?

If you appreciate the technical side of power and energy, but want a more unconventional career in the electrical industry, an oil rig, or offshore electrician job, could be perfect for you. While the future of energy may shift away from oil, it's unlikely that oil will lose its value any time soon.

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.

We have the expertise to deliver the turn-key projects and/or the engineering services you desire. Jelec delivers, whether it is comprehensive engineering solutions for a new drilling facility, ...

In a Denver suburb, an oil drilling rig plumbs the earth near a wealthy enclave framed by snow-capped mountains. The site is quieter, cleaner and less visible than similar oil ...



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Uptime is the measurement of success ABB electric system solutions for offshore drilling vessels include systems for electric power generation and distribution and large electric drive systems ...

Electrical Engineering Jobs Quick Guide: How to Get Electrical Engineering Jobs in Subsea Oil and Gas Now! Electrical Engineering Jobs Description In your electrical engineering job as an ...

The oil rig electrician is responsible for installing, troubleshooting, repairing, maintaining, commissioning, and testing of electrical equipment and systems ...

A modern Diesel-electric powered drilling equipment for drilling oil wells consists of several internal combustion engines driving d-c generators, which supply adjustable voltage power to ...

The Role of Electrical Engineers in the Oil, Gas, and Mining Industry Electrical Engineers play a pivotal role in the oil, gas, and mining industry. They are tasked with designing, developing, ...

The oil and gas industry consists of onshore and offshore drilling operations, which rely on drilling rig equipment to extract oil and natural gas ...

The Rig Electrician Training Course is designed to equip participants with the essential knowledge and skills required to work as electricians on offshore rigs, drilling platforms, or similar facilities ...

A Rig Electrician is responsible for the maintenance and repair of electrical systems in offshore rigs, such as drilling platforms and barges. The ideal candidate for this position should ...

Explore the precision and efficiency of the Sandvik DD422iE electric drill rig, a top-notch solution for development drill rigs in mining operations.

Life as an Oil Rig Electrician If you appreciate the technical side of power and energy, but want a more unconventional career in the electrical industry, an oil ...

The electrical distribution system of Drilling Rigs is quite similar to typical redundancy system of electric propulsion ships made for transportation. However it is required the electrical ...

All equipment installed within hazardous areas must have general NRTL ("Nationally Recognized Testing Laboratory") certification as electrical equipment for the type of application.

Operation peculiarities of the main drilling rig mechanisms are considered. The key specification requirements to asynchronous variable-frequency electric motors of the main ...



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Engineering Jelec complete engineering solutions reduce operational costs, increase safety, enhance drilling and equipment optimization / performance. ...

Discover the crucial role of electrical engineers in oil and gas for developing MWD, directional, and downhole drilling equipment at ProDirectional.

Abstract The operation of a drilling rig top drive system (TDS) in drilling practice at a great depth or during the construction of a drill pipe stand in the case of failure of one of two ...

Oil Rig Electrician Oil Rig Electricians, or Offshore Electricians, work on oil rigs or other drilling platforms (generally know as offshore jobs). They are responsible ...

Electrical drilling AC VFD systems are modern technology and highly effective in helping drilling operations fully optimize the power distribution of their rigs. ...

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

Discover CLEA, a 100% electric drilling rig with multiple advantages, representing a major step forward in the world of drilling rigs and in decarbonizing Groupe Fondasol's activities.

The Rig Electrician Training Course is designed to equip participants with the essential knowledge and skills required to work as electricians on offshore ...

Electrical systems are the backbone of oil and gas facilities, powering everything from exploration and drilling equipment to processing plants and distribution ...

Jeneesh Shanmughan is an electrical and electronics engineer with over 11 years of experience as a chief electrician on oil drilling rigs. He has extensive ...

Our multifunctional eBG 33 with electric drive is suited for Kelly drilling, soil mixing and soil improvement. All details can be found in the overview.

This paper solves the technical problems of electric drive, heavy load and intelligent control, and a set of full-electric intelligent drilling system was designed based on the tech-nologies. The ...

Learn how to become a rig electrician, a skilled electrician who works on oil and gas rigs, by completing education, training, certification, and ...

Work includes BOP/Well Control assessments, Amphion drilling controls, electrical/mechanical surveys, and



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OEM inspections. To execute this safely and efficiently, we require dedicated ...

Electricians on rig and offshore rig worker, can count on a starting electrical engineering jobs salary of about \$50k excluding holiday pay, and about \$60k including holiday pay. Top Oil and ...

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