### Michael Barnes

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##### Chief Electrician/Supervisor

**Equipment Maintenance | Quality Standards | Personnel Supervision**

Dynamic and results-focused chief electrician/supervisor with expertise in international deep-water oil and gas exploration. Highly skilled at completing electrical work for well-drilling projects around the world on time and within budget. Seek to benefit major oil and gas drilling company by maintaining electrical equipment, efficiently and effectively managing personnel, and sustaining quality control operations.

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| --- | --- | --- |
| * Generator Maintenance * Drilling Drive Maintenance * Konigsberg Maintenance | * Quality Standards * Crane Maintenance * HVAC Systems Maintenance | * Personnel Supervision * Communication Skills * Troubleshooting |

# Professional Experience

**PACIFIC DRILLING,** 6th Generation DP Drillship 2013 – 2016

***Chief Electrician***

Troubleshot and maintained all electrical equipment for 6th generation drillship, including 11 kv generators and AC and DC distribution service. Perform daily, weekly, monthly, quarterly, semi-annual, and annual inspections and preventative maintenance for all equipment, including HVAC systems, Konigsberg, knuckle boom cranes, variable frequency drives, ABB drilling drives, and ABB thruster drives.

* Ensured that all electrical equipment met OSHA quality standards and regulatory requirements.
* Monitored performance of rig electricians and trainees to ensure work was completed properly according to established timelines and met all safety standards.
* Evaluated each facet of electrical maintenance support services and provided recommendations for improvements in procedures, products, and equipment.

**SEADRILL,** 6th Generation DP Semi 2011 – 2013

***Senior Rig Electrician***

Maintained all electrical equipment, including 11 kv generators, AC and DC distribution service, drilling and thruster drives, Konigsberg, leighber cranes, and HVAC systems, following all electrical safety protocols; reduced rig downtime.

* Conducted periodic electrical inspections to ensure all equipment was operating properly, resolving immediate electrical hazards and repairing equipment discrepancies.

**ATWOOD OCEANICS,** Aurora, 5th Generation Jack-up 2010 – 2011

***Senior Rig Electrician***

Maintained all electrical equipment, including generators, AC and DC distribution service, variable frequency drives, SCR drives, Letourneau 220 and 120 pedestal cranes, Varco TDS8A Top Drive, Lewco DC Mud Pump Motors, and HVAC equipment, including chillers and stand-alone units, following all safety protocols.

**ENSCO OFFSHORE,** Dallas, TX 1993 – 2007

***Senior Rig Electrician***

Maintained all electrical and distribution systems on rig, including generators, AC generators, Letourneau jacking system, and National jacking system.

* Serviced and maintained all air conditioning and refrigeration systems, SCR system, top drive, and mud pumps.

# Training

Supervisory Training

Confined Space Entry and Work

Environmental Management Systems

Ensco Safe System of Work

Drug/Alcohol Awareness

Nance Universal HVACR Technical School

Gulf Coast Basic GCE Drive Systems

Koyo PLC Systems and GE-DC Systems

Varco Top Drive Course

Reasonable Suspicion/Cause

ABB ACS 800 Drilling Drive / Drill Ships

Ensco Clear Choice Basic Rig Training

ABB ACS 6000 Thruster Drive

H2S Training Secorp

Ensco Rig Sense for Electricians

Generator Control-GE EGR

National Oil Well Varco IPS SCR

Rig Sense for Barge Engineer

TDS-11 VFD Drive

11KV High Voltage Training

Petron Four Day Instrumentation Course

Caterpillar Engines 3500B Operation, Maintenance and Trouble shooting

51 Hour Combined Basic and Advanced Firefighting, Delgado Community College

Helicopter Underwater Egress Training, Offshore Survival

Proficiency in Survival Craft