

Hayder Al-Mahdawi
Electric Engineer

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Summary

Detail-oriented Electrical Engineer with extensive experience in equipment maintenance, troubleshooting, and team leadership. Proven track record of ensuring operational efficiency, minimizing downtime, and implementing preventive maintenance strategies. Strong communicator and team player with a passion for supporting student learning in laboratory environments. dedicated to leveraging my expertise to excel in the role of Lab Instructor.

Experience

Mechanic/Electrician

Nabors Drilling International Limited (NDIL), Basra, Iraq

March 2011 - May 2012

- Developed and coached new maintenance team members, resulting in a 20% increase in team efficiency.
- Ensured highest standards of equipment maintenance, reducing failures by 15%.
- Made strategic recommendations for spare parts, test equipment, and tools.
- Conducted maintenance in both workover and drilling rigs, ensuring operational efficiency.
- Supervised base camp maintenance operations, maintaining facilities to international standards.

Repair and Maintenance Technician IV-Equipment

Baker Hughes Oil Services Company (BHI), Basra, Iraq

May 2012 - October 2015

- Modified, performed corrective, and preventive maintenance to minimize equipment failures.
- Conducted quality checks and modifications according to procedures and schedules.

- Efficiently troubleshooted and repaired assigned equipment, minimizing downtime by 25%.
- Participated in Root Cause Analysis of failures to implement preventive measures.
- Managed preventive maintenance for various equipment, ensuring zero downtime.

Service Technician

National Energy Equipment, Calgary AB, Canada

November 2017 - Present

- Serviced gas station equipment, achieving a 95% customer satisfaction rate.
- Conducted maintenance and repair of card readers, keypads, and sensors.
- Replaced mechanical parts such as meters, pipes, and valves.
- Updated and installed new software for pump dispensers, ensuring optimal performance.

Skills

Technical Skills:

- Electrical Systems Maintenance
- Troubleshooting and Diagnostics
- Equipment Modification and Repair
- Preventive Maintenance Strategies
- Root Cause Analysis
- Quality Checks and Modifications
- Team Leadership and Coaching
- Facilities Maintenance

Oil Field Equipment:

- Proficient in maintaining and repairing various drilling and workover rigs.
- Specialized knowledge in BHI open and cased hole tools, with expertise in MREX Mandrel and Mechanical Pipe Cutter Tool.

Gas Station Equipment:

- Skilled in servicing pumps, POS systems, tank STBs, card readers, keypads, and sensors.
- Experience in updating and installing software for pump dispensers.

Health, Safety, and Environment (HSE):

- Rig Pass certification
- First Aid and Fire Fighting training

Team Collaboration:

- Proven ability to lead and collaborate with maintenance teams.
- Effective communication and coaching skills.

Analytical Skills:

- Strong analytical and problem-solving abilities.
- Experience in Root Cause Analysis to implement effective preventive measures.

Project Management:

- Strategic recommendations for spare parts, test equipment, and tools.
- Implementation of new preventive maintenance strategies.

Language Skills:

- Proficient in English and Arabic

Education

Bachelor's Degree in Electrical Engineering
University of Dyala, 2001

High School Diploma
Almuqdadiyah School, 1997

Achievements:

Implemented a new preventive maintenance strategy, resulting in a 30% reduction in equipment downtime.

Training Courses

Successfully completed courses with Baker Hughes Incorporated:

- Basic Maintenance
- Basic Troubleshooting
- Basic Soldering
- On-the-job training in Labuan, Malaysia focusing on BHI open and cased hole tools, with specialization in MREX Mandrel and Mechanical Pipe Cutter Tool.

Successfully completed courses with Nabors Drilling International Limited and Halliburton Oil Services Company:

- Rig Pass Certification
- First Aid and Fire Fighting Training
- HSE Certification