

Hayder Al-Mahdawi

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Summary

Accomplished Mechanical and Electrical Engineer with over 10 years of experience working with renowned companies like Baker Hughes and Nabors Drilling. Specialized in equipment maintenance, troubleshooting, and project management across various industries. Proven ability to enhance operational efficiency, reduce downtime, and lead teams to successful project execution. Strong technical expertise, combined with excellent communication and leadership skills, dedicated to delivering high-quality engineering solutions while adhering to safety and regulatory standards.

Professional Experience

Mechanic/Electrician

Nabors Drilling International Limited (NDIL), Basra, Iraq

March 2011 - May 2012

- Developed and trained new maintenance team members, improving team efficiency by 20%.
- Ensured the highest standards of equipment maintenance, reducing failures by 15%.
- Provided strategic recommendations for spare parts, test equipment, and tools.
- Conducted maintenance on workover and drilling rigs, ensuring operational effectiveness.
- Supervised base camp maintenance operations, ensuring compliance with international standards.

Repair and Maintenance Technician IV-Equipment

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

May 2012 - October 2015

- Modified, corrected, and performed preventive maintenance to minimize equipment failure.
- Conducted quality checks and modifications as per procedural guidelines and schedules.
- Troubleshooted and repaired equipment, reducing downtime by 25%.
- Led Root Cause Analysis to identify and implement preventive measures for recurring failures.
- Managed the preventive maintenance of equipment, ensuring zero downtime.

Service Technician

National Energy Equipment, Calgary AB, Canada

November 2017 - Present

- Serviced gas station equipment, achieving a 98% customer satisfaction rate.
- Maintained and repaired card readers, keypads, sensors, and other mechanical components.
- Replaced meters, pipes, and valves, ensuring optimal equipment functionality.
- Updated and installed new software for pump dispensers to optimize performance.

Skills

Technical Skills:

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

Oil Field Equipment:

- Experience maintaining and repairing drilling and workover rigs
- Expertise in BHI open and cased hole tools, including MREX Mandrel and Mechanical Pipe Cutter Tool

Gas Station Equipment:

- Proficient in servicing pumps, POS systems, card readers, keypads, and sensors
- Experience with software updates and installation for pump dispensers

Health, Safety, and Environment (HSE):

- Rig Pass Certification
- First Aid and Fire Fighting Training

Project Management:

- Strategic recommendations for spare parts and tools
- Implementation of preventive maintenance strategies

Languages:

- English (Fluent)
- Arabic (Native speaker)

Education

Bachelor's Degree in Electrical Engineering

University of Dyala, Iraq

Graduated: 2001

High School Diploma

Almuqdadiah School

Graduated: 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
- Specialized training in Labuan, Malaysia, focusing on BHI open and cased hole tools, with expertise in MREX Mandrel and Mechanical Pipe Cutter Tool.

Completed certifications with **Nabors Drilling International Limited** and **Halliburton Oil Services Company:**

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