OLIVIA SMITH

Locomotive Electrician

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PROFESSIONAL SUMMARY

Dedicated Locomotive Electrician with 2 years of hands-on experience in diagnosing and repairing electrical systems for locomotives. Proven ability in performing preventative maintenance, troubleshooting electrical issues, and ensuring compliance with safety standards. Committed to enhancing operational efficiency and reliability in locomotive performance.

WORK EXPERIENCE

Locomotive Electrician Apr/2024-Ongoing Maple Leaf Consulting 🖡 Toronto, ON 1. Worked extensively with voltages ranging from 72 VDC to 1500 VDC, ensuring safe handling practices. 2. Performed routine preventative maintenance, significantly reducing operational downtime. 3. Troubleshot and repaired 72V control circuits to maintain effective locomotive operation. 4. Utilized testing devices like Hi-pot and Megger to identify and rectify grounded components. 5. Replaced defective breaker controls, relays, switches, and fuses as needed. 6. Executed repairs on locomotives in accordance with schematics, enhancing reliability. 7. Maintained accurate records of all maintenance activities to ensure compliance and efficiency. Locomotive Electrician 🛗 Apr / 2023-Apr / 2024 Cactus Creek Solutions 🖡 Phoenix, AZ 1. Installed new wiring and modules in malfunctioning locomotive systems. 2. Conducted electrical repairs on diesel-powered locomotives and maintenance facilities. 3. Troubleshot various electrical issues, documenting all maintenance actions thoroughly. 4. Performed operational tests on diesel locomotives to ensure safe service. 5. Conducted inspections and tests on electrical systems to diagnose malfunctions effectively. 6. Executed scheduled inspections and maintenance, improving overall locomotive performance. **EDUCATION** 🛗 Apr / 2022-Apr / 2023 Associate of Applied Science in Electrical Technology Midwest Community College ₽ Portland, OR Focused on the principles of electrical systems, including diagnostics and repairs. SKILLS **Electrical Maintenance Electrical Systems** Locomotive Electrical **Electrical Safety Protocols** Procedures Troubleshooting Systems

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ACHIEVEMENTS

🚰 Reduced electrical system failures by 15% through proactive maintenance.

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Successfully completed over 50 electrical repairs on locomotives within a year.

Tmproved troubleshooting time by 20% by implementing efficient diagnostic techniques.



