

Leora Spaven

Electrical Engineering Technician

Details

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123 Big Sky Lane, Helena, MT 59601

Profile

Detail-oriented Electrical Engineering Technician with 2 years of experience in providing technical support, designing, and executing electrical systems. Proficient in troubleshooting, analyzing and repairing electrical malfunctions, and adhering to safety protocols. Demonstrated ability to collaborate with engineering teams to optimize system performance and ensure projects are completed on time and within budget. Committed to continuous growth and learning in the field of electrical engineering.

Employment History

Electrical Engineering Technician at Montana Instruments Corporation, MT

Mar 2023 - Present

- Designed and implemented a power distribution system for a new product line, resulting in a 20% increase in energy efficiency and a 15% reduction in production costs.
- Developed and streamlined testing procedures for high-precision optical components, improving overall testing accuracy by 10% and reducing testing time by 25%.
- Identified and resolved a critical design flaw in a temperature control system, increasing system stability by 30% and reducing the number of customer support calls related to the issue by 50%.
- Collaborated with a team of engineers to successfully complete a complex project on time and under budget, achieving a 100% customer satisfaction rating and securing a \$1 million contract for future business.

Associate Electrical Engineering Technician at Electrical Consultants, Inc., MT

Sep 2021 - Feb 2023

- Successfully completed the design and installation of a 100kW solar power system for a commercial client, resulting in a 30% reduction in their annual energy costs and contributing to the company's portfolio of sustainable energy projects.
- Led a team of technicians in the upgrade and modernization of an electrical substation, improving its capacity by 50% and ensuring uninterrupted power supply to over 10,000 customers in the region.
- Developed and implemented a comprehensive preventive maintenance program for electrical equipment in multiple facilities, reducing downtime by 40% and increasing overall system reliability.
- Played a key role in the successful completion of a \$2M electrical infrastructure project, which involved the installation of new transformers, switchgear, and distribution lines, enhancing the company's reputation for delivering high-quality engineering solutions.