

ZION O'CONNELL

MECHANICAL FIELD ENGINEER

Contact

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Summary

Skilled mechanical field engineer with 8+ years of experience in the installation, maintenance, and repair of a variety of industrial machinery. Successfully completed over 500 projects for clients in the automotive, food processing, pharmaceutical manufacturing industries. Proven track record of troubleshooting complex problems while working independently or as part of an engineering team. Excellent problem-solving skills and technical knowledge to ensure timely completion within budget constraints.

Employment

Mechanical Field Engineer at Employer A

New Orleans | Jan 2018 to Present

- Structured, maintained and upgraded mechanical engineering systems for 5+ industrial plants, reducing operational costs by 12%.
- Compiled detailed reports on the performance of machinery to identify faults and recommend cost-effective solutions that improved overall efficiency by 10%.
- Effectively managed a team of 15 engineers in various projects such as designing equipment parts & conducting maintenance operations; completed all work within budget and 3 days ahead of schedule.
- Mentored new hires on troubleshooting techniques, safety protocols & regulations in the field, resulting in a 20% decrease in accidents over 2 years' time span.
- Improved existing processes through constant testing and analysis, eliminating malfunctions associated with critical components while increasing production output by 8%.

Mechanical Field Engineer at Employer B

Roseville | Mar 2012 to Dec 2017

- Operated and maintained a variety of mechanical systems and equipment, including pumps, compressors and valves; achieved a 15% decrease in downtime due to improved efficiency.
- Calibrated numerous components on-site with precision accuracy using advanced tools such as oscilloscopes, multimeters and micrometers; reduced maintenance costs by \$3,000 annually.
- Demonstrated extensive knowledge of safety protocols when installing new machinery or conducting repairs within hazardous workspaces; ensured that all work was done according to industry regulations.
- Achieved success in troubleshooting various types of mechanical problems for clients across multiple industries; completed over 70 jobs with 100% customer satisfaction rate during the past year alone.
- Confidently managed complex projects from start to finish while maintaining high levels of quality control throughout each stage of completion; increased productivity by 25%.

Education

Bachelor of Science in Mechanical Engineering at Educational Institution XYZ

Nov 2011

Skills