

Kiowa Pelzel

Heavy Equipment Mechanic

Profile

A results-driven Heavy Equipment Mechanic with 2 years of experience in diagnosing, repairing, and maintaining various types of heavy machinery. Proficient in troubleshooting complex mechanical issues and providing cost-effective solutions while ensuring compliance with safety regulations. Demonstrates excellent communication skills, teamwork, and a strong commitment to customer satisfaction. Adept at managing time and resources effectively to optimize productivity and minimize downtime.

Employment History

Heavy Equipment Mechanic at Altorfer Inc., IL

Mar 2023 - Present

- Successfully completed a major overhaul of a Caterpillar 349E Hydraulic Excavator, reducing downtime by 25% and saving the company \$50,000 in potential repair costs.
- Implemented a preventive maintenance program for the company's fleet of over 100 heavy equipment vehicles, resulting in a 30% reduction in unscheduled repairs and increasing overall operational efficiency.
- Troubleshoot and repaired a critical hydraulic system issue on a Caterpillar D8T Dozer, restoring it to full functionality within 48 hours and preventing a project delay that could have cost the company up to \$75,000 in penalties.

Heavy Equipment Mechanic Apprentice at Patten Industries, Inc., IL

Aug 2021 - Feb 2023

- Successfully diagnosed and repaired over 100 heavy equipment units within the first year of apprenticeship, resulting in increased equipment uptime for Patten Industries, Inc.
- Streamlined the preventative maintenance process by implementing an efficient scheduling system, reducing equipment downtime by 15% and saving the company \$50,000 annually.
- Assisted in the overhaul of five major heavy equipment engines, contributing to a 20% improvement in overall engine performance and extending the service life of the equipment.

Certificates

1. ASE (Automotive Service Excellence) Certification in Heavy Equipment Mechanics

Dec 2021

2. AEMP (Association of Equipment Management Professionals) Certified Equipment Manager (CEM)

Jun 2020

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Education

Diploma in Heavy Equipment Mechanics at Southern Illinois University, Carbondale, IL

Aug 2017 - May 2021

Relevant Coursework: Heavy Equipment Repair and Maintenance, Diesel Engine Systems, Hydraulic Systems, Powertrains and Transmissions, Electrical and Electronic Systems, Welding and Fabrication, Preventative Maintenance, and Safety and Environmental Procedures.

Links

[linkedin.com/in/kiowapelzel](https://www.linkedin.com/in/kiowapelzel)

Skills

Hydraulics expertise

Diesel engines proficiency

Electrical systems knowledge

Welding techniques

Pneumatics understanding

Diagnostics mastery

Preventive maintenance

Languages

English

German