



Open Position **Mechanical Engineer**

Location: Albia, IA 52531
Employee Type: Full-Time Employee
Manages Others: No
Job Type: Professional
Education: Bachelor's Degree (Minimum)
Experience: 1-3 years
Travel: Moderate

DESCRIPTION

RELCO Locomotives is looking for a highly motivated Mechanical Engineer to join our production team in Albia, Iowa. The position includes providing technical assistance to our shop as required for mechanical and structural locomotive systems.

RENUMERATION

Base pay: \$50,000-\$75,000/yr.
Position is not eligible to receive performance bonus
All employees receive health, dental, vision, disability and life insurance.
Job classification upgrade may be available based on experience.

JOB DESCRIPTION

The primary duties include repairing and maintaining diesel engine locomotives. The Mechanical Engineer reviews contractor and internal designs for suitability and compliance with requirements and technical specifications. Conduct inspections of locomotive components. Troubleshoot malfunctions, assess problems, diagnose malfunctions in locomotive diesel engine components, and determine corrective action. Perform maintenance in the locomotive cab and diesel compartments; maintain miscellaneous equipment using blueprints and schematics.

RESPONSIBILITIES

- Diagnosing, repairing, and maintaining equipment as required
- Analyzing, testing, and repairing
- Complete required paperwork
- Safely operate shop machines and tools
- Knowledge of and adherence to safety rules
- Participates in field tests, safety inspections, and warranty programs
- Participates in FRA and NTSB matters as required
- Systematically researches problems, analyzes failures for root causes and designs solutions
- Develops engineering programs and process to improve the quality and reliability of the equipment
- Develops solutions for problems on Locomotives
- Provides design improvements related to equipment problems which are typically design flaws, retrofit and field modifications, and maintenance shortcomings.

REQUIREMENTS

- Diesel mechanical knowledge
- Electrical AC/DC knowledge a plus
- Able to read and understand technical manuals, work reports, and schematics or drawings
- Good problem solving skills, and Attention to detail
- Project Management and analysis skills

- Thorough knowledge of (or ability to quickly learn) O.E.M. maintenance instructions and procedures.
- Knowledge of (or ability to quickly learn) Federal Railroad Administration (FRA) rules.
- Ability to lift 50lbs
- Ability to work overtime as needed
- Ability to operate shop machinery (Crane & Forklift)
- Ability to read and understand English
- Ability to understand and follow safety rules
- Must pass pre-employment physical and drug screen as well as have reliable transportation.