

Job Title: Vehicle Engineer

Industry: Commuter Rail Operations

Reports to: Deputy Chief Mechanical Officer

Position Summary:

The Vehicle Engineer has the primary responsibility for providing engineering and technical support for the Vehicle Maintenance Department of the RTDC/DTO. This includes creating and revising vehicle maintenance procedures, analyzing vehicle performance trends, diagnosing failures, designing modifications to improve the performance of the fleet and assisting in planning the vehicle maintenance program.

Description of Duties:

- Support the Vehicle Maintenance Division by providing technical assistance in all areas related to the fabrication, operation, installation, and repair of all commuter rail rolling stock equipment
- Troubleshoot and perform root cause analysis of performance deficiencies and failures of rolling stock systems and components
- Recommend design modifications to improve the reliability and maintainability of the fleet
- Support the development and implementation of maintenance schedules for all systems
- Assist in the development of reporting and recordkeeping procedures for all maintenance activities
- Assist in the development, review, and implementation of training programs for vehicle maintenance personnel
- Design maintenance and operation strategies to obtain optimum utilization of rolling stock
- Coordinate with equipment manufacturers and suppliers to recommend, design, develop and approve modifications to procedures, equipment and components
- Develop, review and update technical documentation including manuals, schematics and maintenance instructions
- All other duties as assigned

Qualifications:

- Bachelor's degree from an accredited college or university in mechanical, electrical or related engineering fields
- At least five years of progressively responsible experience in rail car design manufacturing and/or maintenance
- Familiarity with electric multiple units preferred
- Fluency in Korean preferred
- Strong analytical skills
- Strong oral and written communications skills
- Proficiency in software applications required for analyzing, monitoring and reporting on vehicle performance
- Must be available to respond to emergencies and handle trouble calls on a 24/7 basis

- Must be eligible to work in the U.S. and successfully pass a pre-employment background check
- Must pass a pre-employment drug and alcohol screen and be willing to comply with the DTO Drug and Alcohol Policy
- Must possess a valid Colorado driver's license