



## Maintenance Technician

### Basic Function

Under moderate supervision, performs complex and specialized troubleshooting and preventive and corrective maintenance of rail transit Street Cars, Overhead Contact System, Traction Power Substations and Track Maintenance.

**Supervised by:** Manager of Maintenance

### Scheduling

- Works 40 hours per week on various shifts with two consecutive days off.
- Operator work assignment will require flexible hours including: early morning, late night, holidays & weekends.


### Work Environment

In order to achieve its mission, RDMT team members are expected to recognize, respect and commit to actively contributing to the following goals and values:

- **Safety** — To ensure that our employees', riders' and the general public's safety is always our first consideration.
- **Service Excellence** — To provide safe, clean, reliable, on-time, courteous service for our clients and customers.
- **Workforce Development** — To create a learning organization that attracts, develops, motivates and retains a world-class workforce.
- **Fiscal Responsibility** — To manage every taxpayer and customer dollar responsibly and respectfully.
- **Innovation and Technology** — To continuously identify improvements to create the absolute best practices in all aspects of our operation.
- **Sustainability** — To reduce consumption while reusing and recycling all internal resources to the greatest extent possible.
- **Integrity** — To appreciate and rely on the professional ethics and honesty of every team member.
- **Teamwork** — To actively blend our individual talents to achieve world-class performance and service.

### Examples of Duties

- Performs journey-level diagnosis of rail equipment malfunctions, determines the probable cause, and makes the necessary repairs to the rail systems and subsystems, auxiliary power, communications equipment and all other related electromechanical components.
- Moves cars with emergency equipment in shops, yards and on the main lines

- 
- Conducts operational inspections and repairs, removes and replaces dysfunctional components safely
  - Performs acceptance testing and pre-service preparations on newly acquired and overhauled equipment
  - Responds to system emergencies and equipment failure, and renders remedial action as required
  - Overhauls and maintains traction power substations
  - Utilizes test equipment, schematics and drawings to support equipment maintenance inspections and repairs

### **Essential Knowledge and Abilities**

#### **Knowledge of:**

- Methods, materials, equipment and safety procedures utilized in the maintenance and repair of AC/DC equipment, motor controls, relay logic, semiconductor devices, transducers, digital electronics, microprocessors and subsystems
- Operates equipment and vehicles safely
- Shop math

#### **Ability to:**

- Perform troubleshooting, maintenance and repair of rail equipment to include Vehicle, OCS, Track and Facility
- Read electrical schematics
- Safely operate a variety of hand tools and power equipment
- Safely operate rail vehicles, emergency trucks and other equipment and vehicles
- Follow oral and written instructions
- Lift and move objects weighing up to 60 pounds
- Use volt/ohm meter and oscilloscope

### **Minimum Qualifications**

Potential candidates interested in the MAINTENANCE TECHNICIAN position MUST meet the following requirements:

- Minimum 2 years' journey-level electromechanical experience
- Prefer Certificate of completion in Electronics from an accredited trade or vocation school in addition to 2 years' journey-level electromechanical experience – OR – 4 years' journey-level experience as an electromechanical/electronic technician performing repair, maintenance, and troubleshooting of rail rapid transit vehicles utilizing digital electronics and microprocessors
- Valid Class C driver's license



### Special Conditions

- Must be able to work from elevated structures
- Must successfully complete Rail Equipment Systems initial training class
- Positions in this classification are considered safety sensitive under Federal Transit Administration (FTA) drug and alcohol regulations and are subject to pre-employment and random testing.

### Disclaimer

This job specification is not to be construed as an exhaustive statement of duties, responsibilities, or requirements. Employees may be required to perform any other job-related instructions as requested by their supervisor.

### IF INTERESTED IN THE POSITION:

Please contact [moreillypol@themidtowngroup.com](mailto:moreillypol@themidtowngroup.com) with your name, contact info, and résumé.

