

JOB DESCRIPTION

Job Title: Senior Manager, Train Control and Technical Services

FLSA Status: Exempt

Salary Grade: 11A

PURPOSE OF POSITION

The Senior Manager, Train Control and Technical Services, will manage Technical Services staff, standards compliance and change management processes pertaining to the agency's train control and communication systems to ensure safe, efficient, and reliable train operations.

DISTINGUISHING CHARACTERISTICS

This job description is not part of a job series.

SUPERVISION EXERCISED AND RECEIVED

- Receives general oversight from director or executive level management.
- Responsible for supervising and monitoring performance for a regular group of employees or department.

ESSENTIAL DUTIES AND RESPONSIBILITIES

The duties listed below are intended to describe the general nature and level of work being performed and are not to be interpreted as an exhaustive list of responsibilities.

- Manage the Technical Services staff and contractors to provide day-to-day oversight and management of the technical, engineering, design, standards development, and software version control of the positive train control and communications systems.
- Provide support activities on the installation, maintenance, and rehabilitation of SCRRRA's train control and communication systems by reviewing proposed changes to existing systems and ensuring compliance with statutory requirements prior to providing change approval.
- Manage the PTC Safety and Implementation plans to verify compliance with regulatory requirements and lead efforts to amend as necessary because of system changes.
- Ensure verification and validation of changes to communications, signal, track, and PTC databases when railroad modifications are necessary due to additions or reductions to the railroad infrastructure.
- Oversee staff and manage implementation of configuration management processes used to maintain a baseline of PTC, signal, communications, civil drawing, property information, inspection reports, technology stack information, installations records, and standards.
- Continually assess the condition of the train control and communication systems and ensure the system is operating at maximum capacity in compliance with established configuration management standards and current with railroad industry requirements.
- Participate as an active member of the Metrolink team to review projects and establish priorities.
- Develop and administer operating budget for areas of responsibility; monitor expenditures.
- Monitor and evaluate the efficiency and effectiveness of service delivery methods and procedures; make recommendations within departmental policy.
- Prepare written and oral reports for management, boards, committees, and outside agencies.



- Assist with the resolution of issues and lead root cause analysis meetings related to train control and communication failures.
- Respond to priority/emergencies on a 24 hour/7 day per week basis.
- Work cooperatively and collaboratively with all SCRRA departments to ensure the delivery of a quality work product and the improvement of train control and communication business processes.
- The responsibilities outlined above are representative of the role but not exhaustive. Additional duties may be assigned as needed, and reasonable accommodations will be provided to qualified individuals with disabilities in accordance with applicable laws.

MINIMUM QUALIFICATIONS

Education and Experience

- Bachelor’s degree in Engineering or related field.
- A minimum of five (5) years of experience as an employee, contractor, consultant with a Class 1, intercity passenger, or major commuter railroad in a 24/7 operations environment.
- A minimum of five (5) years of experience working with complex railroad operations systems and processes such as configuration management, control centers, and other railroad mission critical systems.
- A minimum of three (3) years of experience in successfully directing, managing, and supervising staff, contractors and/or consultants.
- A combination of training, education and/or experience that provides the required knowledge, skills and abilities may be considered when determining minimum qualifications. Advanced relevant coursework may also substitute for a portion of the required experience.
- A valid Class “C” California driver’s license with a satisfactory driving record of no more than two moving violations and no DUIs within the last three years

Preferred Qualifications

- A minimum of seven (7) years of experience as an employee, contractor, or consultant with a Class 1, intercity passenger, or major commuter railroad in a 24/7 operations environment.

Knowledge, Skills, and Abilities

Knowledge of:

- Railroad work environment and operation.
- Applicable Federal, state, and local laws, codes, statutes and guidelines pertaining to ITC PTC and communications.
- Local and wide area design, implementation and operation for train control and communication systems
- General Code of Operating Rules (GCOR).
- Strong knowledge of general railroad infrastructure with a focus towards ITC compliant PTC systems, railroad communication systems and applications.
- Understanding of design, engineering, maintenance of signal and communication systems, and train control centers on a commuter or Class 1 Railroad.

Skilled in:

- Organization and prioritization.
- Analysis, measurement, and process improvement.
- Strong and effective leadership, communication, time management, and organization.



Ability to:

- Multitask and manage multiple projects in a fast-paced work environment with frequently changing priorities.
- Build team cohesiveness.
- Make clear and concise formal presentations.

PHYSICAL REQUIREMENTS

- Transition between a stationary position at a desk or work location and move about Metrolink facilities or other work site locations
- Operate tools to perform the duties of the position, such as computers, office equipment, and work-related machinery
- Transport equipment or boxes up to 25 lbs
- Exchange ideas by means of communication
- Visual acuity to detect, identify, and observe employees or train movement and any barriers to movement when working on or near railroad tracks
- Hear and perceive the nature of sounds when working on or near railroad tracks
- Balance, ascend/descend, climb, kneel, stoop, bend, crouch, or crawl within assigned working conditions and or locations

Working Conditions

Position requires work in a normal office environment with little exposure to excessive noise, dust, or temperature. Work may also be conducted in outdoor environments, at construction sites, Railroad Track and Right-of-Way environments, and warehouse environments, with possible exposure to individuals who are hostile or irate, moving mechanical parts, and loud noises (85+ decibels, such as heavy trucks, construction, etc.)

Southern California Regional Rail Authority is an Equal Opportunity Employer. In compliance with the Americans with Disabilities Act, the Authority will provide reasonable accommodations to qualified individuals with disabilities and encourages both prospective and current employees to discuss potential accommodations with the employer.

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