



Santa Clara Valley Transportation Authority  
**Light Rail Signal Maintainer**

<b>SALARY</b>	\$95,924.92 - \$116,138.88 Annually	<b>LOCATION</b>	CA 95134-1927, CA
<b>JOB TYPE</b>	Full-Time	<b>JOB NUMBER</b>	LRSM_011121_NS
<b>DEPARTMENT</b>	Operations	<b>OPENING DATE</b>	01/19/2021

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## Job Description

### Definition

Under general supervision, performs complex and varied advanced-journey level duties in the maintenance and repair of signaling and rail safety systems, Supervisory Control and Data Acquisition (SCADA) hardware, software and network devices, ticket vending equipment controllers and network devices, and other electrical equipment; and performs related work as assigned.

Classification Bargaining Unit: SEIU

## Essential Job Functions

### Typical Tasks

- Inspects, maintains, and repairs rail signaling and safety systems, including approach circuitry, transponders, switch controls, relays, preemptor controls and crossing gates; designs, constructs, and installs temporary interlocks and turnbacks;
- Monitors, maintains, modifies, installs, troubleshoots, repairs, and supports the light rail SCADA system hardware, software and LAN network devices; creates displays and alarms; uses diagnostic tools to identify and resolve network problems;
- Inspects, maintains, repairs, and administers Ticket Vending Machine master controllers, LAN, and network devices;
- Inspects, maintains, and repairs communication systems, including telephone equipment and switches, visual message boards, paging and speaker systems, and other related equipment;
- Maintains electrical equipment and systems, including mobility-impaired lifts, station lighting and electrical systems, and backup generator systems;
- Drives trucks and other vehicles; Uses and maintains tools and equipment in good working condition;
- Prepares and maintains reports and records of work performed;
- Reviews construction plans and specifications, and performs electrical inspections of new construction projects;
- Performs routine electrical construction duties using hand and power tools;
- Performs limited maintenance on light rail station elevators and escalators;
- May provide lead work direction and training to other employees.

## Minimum Qualifications

### Employment Standards

Development of the required knowledge, skills and abilities is typically obtained through completion of a two year program at a recognized academic, trade or vocational school or completion of an apprenticeship in the trade; and three years of

journey-level experience in the inspection, testing, maintenance and repair of electrical, electronic and communications systems.

## Supplemental Information

### Knowledge of:

- Theories, practices, methods, techniques, tools and equipment used in the installation, testing, calibration, maintenance and repair of electrical and electronic, supervisory control and communications systems, and devices applicable to a light rail system;
- Practices, methods, techniques, tools and equipment used in the testing, calibration, maintenance and repair of signal and safety systems;
- Laws, ordinances and regulations governing electrical construction;
- Network communications principles and standard communication hardware and devices, including servers, hubs, routers, switches, controllers, fiber optics and related equipment, multiplexors and modems;
- Communications network standards, protocols and wiring schemes;
- Standard test devices and electronic tools.

### Ability to:

- Read and interpret plans, specifications, blue prints, schematics, and manuals;
- Use electronic and electrical test equipment, tools, and materials to test, diagnose, troubleshoot, and repair a wide variety of equipment, machinery, devices and systems safely and efficiently;
- Adapt established practices, procedures, and principles of electronic and electrical circuitry to particular problems, conditions and service needs;
- Prepare accurate and complete reports and records of work performed;
- Exercise independent judgment and initiative within established guidelines;
- Perform physical labor;
- Provide lead work direction and train others in work to be performed;
- Establish and maintain effective working relationships with those encountered in the course of work;

### Licenses; Certificates; Special Requirements:

Possession of a valid Class C driver's license issued by the State of California.

### General Instructions

Please read this entire job announcement before applying for the position. Print and keep a copy of this announcement so that you can refer to it. Questions not answered within this job announcement may be sent to [personnel@vta.org](mailto:personnel@vta.org).

To ensure consideration, completed applications must be submitted online to the Human Resources department by the stated closing time and date posted. When the stated closing date is "continuous," apply immediately; the position may close without notice.

You will receive an immediate email confirming receipt of your submitted application. If you do not receive this email, contact NEOGOV's Applicant Assistance Line at (855) 524-5627 between 8:00AM to 5:00PM (PST) Monday through Friday, excluding holidays.

Only on-line applications will be accepted for this recruitment (paper applications or resumes will not be accepted). Job Interest Notification Cards, or copies of previous, partial, or un-submitted applications, are not an acceptable substitute to a completed application.

**ALL APPLICATION AND TESTING NOTIFICATIONS WILL BE SENT BY E-MAIL.** Applicants should select e-mail as the preferred method of notification. Candidates must maintain an up-to-date, valid and reliable e-mail address. Candidates are

also responsible for maintaining up-to-date phone numbers and addresses on their on-line account. Due to the number of applications received, candidates must check their application status through their on-line account. Contact NeoGov for assistance if needed.

Information on how to apply for jobs at the VTA is available on the VTA Employment website and from the NEOGOV's Applicant Assistance Line (855) 524-5627. NeoGov Applicant support is available from 8:00AM to 5:00PM (PST) Monday through Friday, excluding holidays.

### **Americans with Disabilities Act Accommodations**

The Human Resources Department will make reasonable efforts in the recruitment/examination process to accommodate applicants with disabilities. If you wish to request an accommodation, please click [here \(Download PDF reader\)](#).

### **Application Processing Information**

All related current and past work experience (including VTA experience) must be listed and fully described in the Work Experience section of the application ("See Resume" is not acceptable). Incomplete or improperly completed online applications may be rejected even if you are qualified for the position for which you are applying. It is your responsibility to ensure that the online application reflects the work experience and education needed to meet the requirements for the position you are applying for. Although your resume may have all your experience and education details, please make sure to complete each section of the online application to ensure that your information is accurately captured during our screening process.

Important: Proof of Education, either as a copy of a diploma or transcript, is required to verify all educational units listed on your application. Official transcripts are not necessary. Copies of diplomas, degrees, transcripts, or foreign transcript evaluations must be attached to the submitted application as a pdf.

Note: Failure to provide all of the required documents in the appropriate format (pdf ONLY), and properly labeled as shown in the example (for example: Smith\_J BS Diploma), will result in the application being rejected as incomplete. No exceptions will be made.

Note: Applicants holding degrees or credentials from outside the United States who are using these qualifications exclusively to qualify for a position are required to provide a foreign transcript evaluation as a pdf and properly labeled as shown above. Failure to provide a foreign transcript evaluation will result in the application being rejected as incomplete. No exceptions will be made.

All applications are subject to review as to meeting minimum qualifications at any point in the recruitment process. Passing any step is no guarantee of continuation if it is determined that the applicant does not meet the minimum qualifications as stated in the class specification.

Candidates found to have exaggerated/falsified their qualifications, experience, training, and/or education may be disqualified at any point in the recruitment process and may be denied future employment with the VTA.

If selected for the position, candidates will be required to complete a criminal conviction disclosure form. Candidates who successfully become VTA employees, and fail to disclose any of the criminal background information as required may be subject to discipline up to and including discharge.

Eligible Lists typically remain in effect for six (6) months. However, Human Resources may abolish Eligible Lists at any time during the six (6) month period. Human Resources may extend eligible Lists for up to two (2) years. Eligible Lists may be used for more than one recruitment. If you have questions related to an Eligible List you might be on or were on, you should contact Human Resources.

If you have questions regarding your status as an applicant for this position, please call the Human Resources Department at (408) 321-5575 or email at [Personnel@vta.org](mailto:Personnel@vta.org).

VTA is an equal employment opportunity employer. VTA does not and will not tolerate discrimination against applicants or employees on the basis of age, ancestry, color, marital status, mental or physical disability, genetic information, national origin, immigration status, political affiliation, race, religion, creed, sex, gender identity, gender expression, sexual orientation, pregnancy, medical condition, disabled veteran or veteran status, etc.

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**Agency**

Santa Clara Valley Transportation Authority

**Address**

3331 North First Street, Bldg. B-1

San Jose, California, 95134-1927

**Phone**

(408)321-5575

**Website**

<http://www.vta.org>

## Light Rail Signal Maintainer Supplemental Questionnaire

### \*QUESTION 1

I acknowledge that I have accurately entered my Work Experience and Education on the employment application, and I am aware these are required fields. If they are not completed, the application is considered incomplete, and I will be disqualified as an applicant for the position. Candidates found to have exaggerated/falsified any aspect of the application, including but not limited to: their qualifications, experience, training, and/or education may be disqualified at any point in the recruitment process and may be denied future employment with the VTA.

**I have read this information and am aware of the importance of accurately entering in all Work Experience and Education on the employment application.**

- Yes  
 No

### \*QUESTION 2

Please answer the supplemental questions thoroughly, clearly, and concisely as the responses provided (along with the entire application package) will be carefully reviewed to determine which candidates will move forward in the recruitment process.

**I have read this information and am aware of the importance of responses to the supplemental questions.**

- Yes  
 No

**\*QUESTION 3**

**Important: Proof of Education, either as a copy of a diploma or transcript, is required to verify all educational units listed on your application. Official transcripts are not necessary. Copies of diplomas, degrees, transcripts, or foreign transcript evaluations must be attached to the submitted application as a pdf.**

**I have read this information and am aware of the requirement to submit proof of education as part of my submitted application.**

- Yes
- No

**\*QUESTION 4**

The minimum qualifications for this position are: Development of the required knowledge, skills and abilities is typically obtained through completion of a two year program at a recognized academic, trade or vocational school or completion of an apprenticeship in the trade; and three years of journey-level experience in the inspection, testing, maintenance and repair of electrical, electronic and communications systems.

**Please indicate how you meet these minimum qualifications. Include job titles, employers, dates worked, hours per week, and duties performed. All employers indicated in this section must be clearly listed in the Work Experience section of the application. See resume is not an acceptable response.**

**\*QUESTION 5**

**Do you have more than three moving violations within the last three years?**

- Yes
- No

**\*QUESTION 6**

**Do you possess a valid California Class A, Class B, or Class C drivers license?**

- Yes
- No

**\*QUESTION 7**

**Have you completed a two-year program at a recognized academic, trade or vocational school or completed an apprenticeship in the trade?**

- Yes
- No

**\*QUESTION 8**

**Do you have three years or more of journey-level experience in the inspection, testing, maintenance and repair of electrical and communication systems?**

- Yes
- No

**\*QUESTION 9**

**Do you have five or more years of journey-level experience in the inspection, testing, maintenance and repair of electrical, electronic and communication systems?**

Yes

No

**\*QUESTION 10**

**Describe your experience in troubleshooting electronic equipment. Specify this down to the component level.**

**\*QUESTION 11**

**Describe your experience with electrical, electronic and mechanical maintenance and repair of light and heavy rail signal systems, crossing gates, fare machines, communication systems, audio/video equipment, track switch machines and various lighting systems**

\* Required Question