The Peninsula Joint Powers Board (Caltrain)
Present the opportunity of:

Rail Vehicle Maintenance Engineer

For more information contact:

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To Apply, click the email below:

Jennifer@JPowersinc.com
Opportunity to innovate!

Are you a Mechanical Engineer who is...

◊ Curious?
◊ Detail Oriented?
◊ Analytical and Process oriented?
◊ A Great Communicator?

If you are, we need to talk!

Be “THE Superstar” as the first Rail Vehicle Maintenance Engineer for Caltrain

◆ Develop this position under the care of the Deputy Director of Rail Vehicle Maintenance
◆ Work in San Mateo with trips to San Jose and other Caltrain sites
◆ Interact with top transportation leaders in the industry
◆ Be a part of one of the most significant rail modernization projects in California
◆ Easy commute with Caltrain, Muni, BART, and more...
◆ Entrance into the cutting-edge world of Reliability, Availability, Maintainability, and System Safety as Caltrain implements their new rail electrification project
◆ Work alongside some of the most experienced rail leaders in the USA
◆ Exposure to the California High-Speed Rail Authority
◆ Soak in the knowledge of SME consultants to become the future expert
◆ Attractive compensation package

Are you ready? Call J. Powers today!
916-304-6661

BENEFITS:
Social Security & CalPERS pension plan
Retiree Health Savings
Dental & Vision
Employee Assistance Program (EAP)
Vacation (up to 26 days per year)
Free Transportation (employee & eligible family)

CalPERS Health Benefits Program or choose from 5 other plans
Long Term Disability & Life Insurance Domestic Partner Benefits
Paid Holidays (7 days per year)
Employee Carpool Reimbursements
What is the Job? Rail Vehicle Maintenance Engineer

The Rail Vehicle Maintenance Engineer reports to the Deputy Director, Rail Vehicle Maintenance

The Rail Vehicle Maintenance Engineer reports to the Deputy Director, Rail Vehicle Maintenance, and is responsible to participate in Caltrain’s ongoing electric rail vehicle design, manufacturing, and testing program. In particular, this position is responsible for engineering activities related to Rail Vehicle Reliability, Availability, Maintainability, and System Safety for the Peninsula Corridor Joint Powers Board (Caltrain).

Examples of Essential Functions:

- Identify, define and communicate Reliability, Availability, Maintainability Systems Safety (RAMS) requirements for the Electric Multiple Unit (EMUs) and Caltrain rail vehicle fleets/projects.
- Work at the direction of the Caltrain engineering team that oversees the procurement of 96 25 kV electrified rail cars (EMUs). Perform various engineering analyses.
- Review design document to verify the RAMS requirements.
- Liaise between the maintenance team, Project Engineering, and Warranty Site personnel on matters dealing with Reliability, Maintainability, System Safety, and Health.
- Assist in the development of the electric rail vehicle maintenance program to ensure a state of good repair and integrate the program agency wide.

Examples of Duties:

- Research, gather data, conduct analysis and make recommendation for maintenance process and procedure
- Collaborate with and support Transit Asset Management and Configuration Management teams
- Continuously learn about the new electric rail vehicles from senior personnel, consultants, and manufacturers and use this knowledge to develop processes and procedures
- Analyze failures and discover root causes. Apply learning from root cause analysis to maintenance process and procedure and transit asset management
- Prepare necessary Contract Document submittals for Reliability, Availability, Maintainability, and System Safety (RAMS) including reliability plans; reliability predictions; reliability growth plans and reports; maintainability plans; maintainability demonstration plans and reports; fire safety analysis; safety hazard analysis; failure mode effects; and criticality analysis as required by assigned contracts.
- Participate as a CalMod Project team member on assigned projects by supporting internal meetings and supporting the Project Manager in matters dealing with RAMS.
- Provide support on Design Reviews, Project Meetings and Warranty Meetings.
- Support implementation of RAMS requirements with vendors throughout design, prototyping, product assembly, demonstration testing and in-service performance.
- Coordinate in-service reporting with customers and vendors such that timely reviews of failures or negative trends are documented and corrected.
- Provide support and coordinate vendor input in Failure Review Boards meetings.
- Provide onsite Quality Assessment and Quality Controls on EMUs and EMU components during manufacturing phase.
- Perform all job duties and responsibilities in a safe manner to protect one’s self, fellow employees and the public from injury or harm. Promote safety awareness and follow safety procedures in an effort to reduce or eliminate accidents.
- Perform other duties as assigned.

Minimum Qualifications:

Sufficient education, training, and experience to demonstrate the knowledge and ability to successfully perform the essential functions of the position. Development of the required knowledge and abilities is typically obtained through but not limited to:

a) Education:
- Must have a Bachelor’s Degree of Science in Electrical/ Mechanical Engineering. Would support bid to get PE Certification.

b) Experience:
- Four or more years experience in vehicle maintenance engineering or manufacturing in a transit or transportation environment.
- Experience in RAMS Engineering in the Rail Car or Transportation Industry is preferred.
- Must be able to communicate effectively orally and in writing.
- Supervisory or Managerial experience are a plus
San Francisco

San Francisco, in Northern California, is a hilly city on the tip of a peninsula surrounded by the Pacific Ocean and San Francisco Bay. It’s known for its year-round fog, iconic Golden Gate Bridge, cable cars and colorful Victorian houses. The Financial District’s Transamerica Pyramid is its most distinctive skyscraper. In the bay sits Alcatraz Island, the notorious former prison.

Ideal for the sports enthusiast: San Francisco is home to the SF Giants, 49ers and nearby are the Golden State Warriors, Oakland A’s, Raiders and the San Jose Sharks. Golden Gate Park hosts some wonderful sports games and if you get bored, just hop over and hang out with the animals at the San Francisco Zoo.

Have a passion for the arts? San Francisco boasts several museums, including California Academy of the Arts, SF MOMA, De Young fine-arts museum, Palace of the Fine Arts Theatre, and many more. One of the best “foodies” cities in the country, enjoy a fabulous meal to end your day or start your evening.

Close to great California attractions: take a hike in gorgeous Muir Woods in Marin County; spend the day wine tasting in Napa and Sonoma; or take an unforgettable weekend getaway to Lake Tahoe, Carmel, Monterey, Big Sur, or Yosemite.

Excellent public transportation via BART, MUNI Amtrak and Caltrain.

San Mateo & the Peninsula

The Peninsula provides a prime living location as well as easy access to San Francisco and the South Bay. Commute to work in San Mateo or San Carlos via Caltrain, your new pet project! Cross the San Mateo bridge and hop over to the East Bay with ease. The Peninsula offers lots of fun adventures, both urban and rural.

Enjoy small town living in places like San Carlos, San Mateo, and Burlingame. Spend a day relaxing in the small downtown streets. Great restaurants and Cafes with in-door and outdoor dining, unique shopping adventures—no big box stores here. In addition you will find festivals, music venues, and much more.

Follow that up with a jaunt over to the coast. Visit beautiful Half Moon Bay for a lazy afternoon eating clam chowder while you watch the waves roll in and then wander down the beach to get a little exercise. You can even camp there for a nice long weekend just to get away!

Peninsula attractions include: Ano Nuevo State Park, Winchester Mystery House, Duarte’s Tavern, Fitzgerald Marine Reserve, Barbara’s Fish Trap, Pigeon Point Light Station State Historic Park, Butano State Park, SLAC National Accelerator Laboratory and lots more.

For years, the Peninsula is the location that San Franciscans have moved to have a suburban life. An easy commute to the city while having the joy of smaller town life. Area companies include Googleplex and Apple Headquarters.