



## GROUP MANAGER, VEHICLE MAINTENANCE ENGINEERING

**JC:** EF075  
**PB:** 11  
**FLSA:** Exempt

**BU:** 95 (NR)  
**Created:** January 2003  
**Revised:** June 2019

*Class specifications are intended to present a descriptive list of the range of duties performed by employees in the class. Specifications are **not** intended to reflect all duties performed within the job.*

### **DEFINITION**

Under general direction, plans, directs, manages and oversees all revenue vehicle activities and programs of the related to vehicle maintenance engineering including vehicle maintenance, quality Assurance, vehicle performance, project management, and maintenance planning within the Rolling Stock and Shops Department; coordinates assigned activities with other departments and outside agencies; provides expert professional assistance to District management staff; provides highly responsible and complex administrative support to the Chief Mechanical Officer; and performs related duties as assigned.

### **CLASS CHARACTERISTICS**

This Deputy Director level classification is responsible for performing administration of a department under the direction of the Director or Executive category. Classifications in this category assist in guiding the development, preparation, and maintenance of the department's policies, may lead collaborative efforts with other internal departments to develop continuous process improvements, or manage consulting contracts and task orders, and monitor and evaluate staff performance and provide feedback, coaching, and/or positive recognition for department personnel and decision-making may have significant, long-term impact on the organization. This classification is distinguished from the Chief Mechanical Officer in that the latter has overall responsibility for managing and overseeing the activities and operations of the Rolling Stock and Shops Department including maintenance control, quality assurance and warranty administration of revenue vehicles.

### **REPORTS TO**

Chief Mechanical Officer or designee.

### **EXAMPLES OF DUTIES** – *Duties may include, but are not limited to, the following:*

1. Assumes full management responsibility for all assigned vehicle maintenance engineering programs and activities within the Rolling Stock and Shops Department; recommends and administers policies and procedures.
2. Manages the development and implementation of departmental goals, objectives, policies and priorities for each assigned Division.

## Group Manager, Vehicle Maintenance Engineering

Page 2

3. Establishes, within District policy, appropriate service and staffing levels; monitors and evaluates the efficiency and effectiveness of service delivery methods and procedures; allocates resources accordingly.
4. Plans, directs and coordinates, through subordinate level staff, the work plan for vehicle maintenance engineering staff; assigns projects and programmatic areas of responsibility; reviews and evaluates work methods and procedures; meets with key staff to identify and resolve problems.
5. Assesses and monitors workload, administrative and support systems, and internal reporting relationships; identifies opportunities for improvement; directs and implements changes.
6. Manages, defines, and coordinates engineering activities on the next new car order (306), for specification development.
7. Directs the conduct of analytical studies pertinent to revenue vehicle maintenance engineering such as traction power, train control, communication and vehicle related auxiliary systems; reviews findings, alternatives and recommendations.
8. Monitors developments and legislation related to engineering matters; evaluates their impact on District operations.
9. Recommends and implements equipment, policy and procedural improvements.
10. Selects, trains, motivates and evaluates assigned personnel; provides or coordinates staff training; works with employees to correct deficiencies; implements discipline and termination procedures.
11. Oversees and participates in the development and administration of the departmental budget; approves the forecast of funds needed for staffing, equipment, materials and supplies; approves expenditures and implements budgetary adjustments as appropriate and necessary.
12. Supports root-cause analyses for accidents or incidents. Interfaces with any investigating outside agency or internal investigating teams.
13. Explains, justifies and defends departmental programs, policies and activities; negotiates and resolves sensitive and controversial issues.
14. Represents the Vehicle Maintenance Engineering Group to representatives of governmental agencies and professional and business organizations; coordinates assigned activities with those of other departments and outside agencies and organizations.
15. Provides staff assistance to the Chief Mechanical Officer; participates on various District management committees; prepares and presents staff reports and other necessary correspondence.
16. Attends and participates in professional group meetings; stays abreast of new trends and innovations in the field of engineering.

**QUALIFICATIONS**

**Knowledge of:**

- Operations, services and activities of a comprehensive vehicle maintenance engineering program
- Principles and practices of vehicle engineering in the relevant engineering disciplines
- Principles and practices of engineering and project management
- Principles and practices of program development and administration
- Principles and practices of budget preparation and administration
- Engineering aspects of new cars
- Transportation practices and safety practices
- Principles of supervision, training and performance evaluation
- Related Federal, State and local laws, codes and regulations

**Skill/Ability in:**

- Managing a comprehensive vehicle maintenance engineering program
- Developing and implementing complex design and equipment acquisition schedules
- Applying engineering principles and practices in a comprehensive maintenance engineering program
- Developing and administering departmental goals, objectives and procedures
- Analyzing and assessing policies and operational needs and making appropriate solutions
- Conveying complex engineering concepts
- Selecting, supervising, training and evaluating staff
- Preparing and administering large and complex budgets
- Interpreting and applying applicable Federal, State and local policies, laws and regulations
- Communicating clearly and concisely, both orally and in writing
- Establishing and maintaining effective working relationships with those contacted in the course of work

**MINIMUM QUALIFICATIONS**

**Education:**

Bachelor's degree in an Engineering or closely related field from an accredited college or university.

**Experience:**

Six (6) years of (full-time equivalent) verifiable professional experience in vehicle preventive maintenance, inspection, and repair of transit vehicles or related experience which must have included at least two (2) years of management and administrative responsibility.

**License or Certificate:**

Registration as a professional engineer in the State of California preferred.

**WORKING CONDITIONS**

**Environmental Conditions:**

Office environment; exposure to computer screens.

**Physical Conditions:**

May require maintaining physical condition necessary for walking, standing or sitting for prolonged

**Group Manager, Vehicle Maintenance Engineering**

Page 4

periods of time.

**BART EEO-1 Job Group:** 0500 – Executives/Managers

**Census Code:** 0300 – Architectural & Engineering Managers

**Safety Sensitive:** No