

**MAINTENANCE FIRE, INTRUSION, DETECTION SYSTEMS TECHNICIAN**

**DEFINITION**

Under general direction of the Director of Maintenance, to assure the security of District property through the effective operation of fire and intrusion detection systems; to perform skilled work in the maintenance, repair, and operation of detection equipment; to be responsible and accountable for carrying out a preventive maintenance program on the equipment; and to do related maintenance work as required.

**DISTINGUISHING CHARACTERISTICS**

This class requires skills in the electro-mechanical trades. The incumbent is responsible and accountable for journeyman level work in installing, modifying, repairing, and assuring the operational effectiveness of all types of detection systems. Incumbents are to be available for all types of maintenance functions, and may be required to perform standby alert duty during off duty hours.

**ESSENTIAL FUNCTIONS**

Responsible for carrying out preventive maintenance programs.

Recommends operational procedures and instructs operational personnel on use of systems.

Adapts detection systems to changing conditions.

Assists in the preparation of plans, drawings, specifications and estimated costs.

May supervise helpers.

**QUALIFICATIONS**

**Knowledge of:**

Modern methods, techniques, materials and equipment used in the installation, maintenance, and repair of detection systems; appropriate building and electrical codes.

**Ability to:**

Read and understand plans and specifications; apply the principles, methods, materials and equipment used in installing, testing, maintenance and repair of detection systems; diagnose malfunctions quickly and effectively; maintain cooperative relationships with those contacted in the course of work; operate tools and equipment used in the trade; rig and work from ladders and scaffolding; correctly demonstrate sufficient strength, mobility, and range of motion to arm lift 60 pounds and floor lift 60 pounds in an employee entrance evaluation.

**Experience:**

Three years journeyman level experience with electro-mechanical systems, or one year's work in the Intermediate FID Systems Technician class.

**Education:**

Equivalent to completion of the twelfth grade.

**License:**

Possession of a valid California driver's license.