



## FIRE PROTECTION WORKER

**JC:** MA550  
**PG:** MW III  
**FLSA:** Non-Exempt

**PC:** 301  
**BU:** 01(SEIU)

*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 supervision, performs skilled fire protection equipment inspections and post maintenance follow-up repairs on wet/dry standpipe systems, sprinkler systems, back flow preventors and Halon systems or equivalent in accordance with California Administrative Code 19; performs related duties as assigned.

### **CLASS CHARACTERISTICS**

This classification performs the full scope of skilled fire protection equipment activities, including inspections, preventive maintenance and repairs on wet/dry standpipe systems, sprinkler systems, backflow preventors and Halon systems or the equivalent, in accordance with California Administrative Code 19. This class is distinguished from other mechanical maintenance classes in that the work is primarily related to fire protection equipment.

### **REPORTS TO**

Section Manager, Power and Mechanical Maintenance or designee

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

1. Following a pre-established schedule, inspects and diagnoses operational problems related to sprinkler systems, wet standpipe systems and associated fire protection equipment.
2. Performs scheduled wet standpipe and Halon systems preventive maintenance; performs follow-up repairs.
3. Tests fire pumps, motorized control valves and related controls, pressure reducing valves, fire hose cabinets integrity and fire department connections and control valves.
4. Reads and interprets engineering drawings, wiring diagrams, schematics and work orders.
5. Maintains accurate records of work performed and materials used.

### **QUALIFICATIONS**

#### **Knowledge of:**

- Methods, equipment, tools and materials used in the installation, inspection and repair of varied industrial and commercial fire protection equipment
- Basic electrical and electronic principles as related to control devices for such equipment

## **Fire Protection Worker**

Page 2

- Troubleshooting and diagnostic techniques
- Use and operation of measuring and testing devices
- Use and care of power and hand tools
- Shop arithmetic as required by the electro-mechanical trade
- Safe working practices

### **Skill/ Ability in:**

- Inspecting and diagnosing operational problems associated with industrial and commercial fire protection equipment
- Performing preventive maintenance and follow-up repair work to ensure compliance under the California Administrative Code guidelines
- Reading and interpreting engineering drawings, wiring diagrams, manuals and work orders. Understanding and following oral and written directions
- Working effectively both independently and with a crew
- Maintaining accurate records of work performed and materials used
- Establishing and maintaining an effective working relationship with those contacted in the course of the work

### **MINIMUM QUALIFICATIONS**

#### **Education:**

Possession of a high school diploma, GED or recognized equivalent and completion of an apprenticeship or training program in a recognized fire protection organization as specified by the California Administrative Code (CAC) and National Fire Protection Association (NFPA).

#### **Experience:**

Three years of journey level experience in the inspection and repair of varied industrial and commercial fire protection equipment.

#### **Other Requirements:**

Must possess a valid California Class "C" Driver's License and have a satisfactory driving record.

Must be physically able to work in confined spaces.

Must be physically able to lift to waist level up to 75 lbs.

Must be able to wear a negative pressure respirator during the performance of assigned duties in accordance with the District Respirator Program and applicable Cal-OSHA requirements.

Must be able to understand, read and communicate in English.

Must be willing to work off-shifts and occasional emergency overtime.

Must be physically able to walk long distances.

### **WORKING CONDITIONS**

#### **Environmental Conditions:**

Exposure to field, site and station environments; exposure to heat, cold, moving vehicles, electronic equipment, electrical energy, ancillary equipment and devices; exposure to live voltage, confined spaces, underground, aerial structures and inclement weather conditions.

#### **Physical Conditions:**

Requires maintaining physical condition necessary for lifting, walking long distances, standing and working in confined spaces.

**Fire Protection Worker**

Page 3

**BART EEO-1 Job Group:** 0500 – Executives/Managers  
**Census Code:** 3740 – Firefighters  
**Safety Sensitive:** No

**CLASSIFICATION HISTORY**

**Created :** April 1998  
**Revised:** August 1, 2007  
**Updated :**