



**CITY OF LONG BEACH  
CLASSIFICATION SPECIFICATION**

---

**TITLE: STORM DRAIN PLANT MECHANIC**

**DEFINITION:** Under general supervision, performs skilled work in the maintenance and repair of a variety of mechanical and electrical equipment used in storm drains and similar pumping installations.

**REPORTS TO:** Varies

**EXAMPLES OF DUTIES:**

- On an assigned shift and route, inspects and tests equipment to determine operating conditions and to locate, diagnose and correct malfunctions;
- Disassembles, overhauls, repairs, assembles, installs, aligns, and adjusts pumps, engines, motors, air relief and backflow valves, meters, and similar equipment;
- Adjusts impeller clearance on mixed flow or propeller type pumps;
- Inspects, tests, adjusts, and make minor repairs to electrical equipment, such as switchboards, circuits and motors ranging up to 600 HP, using high voltage testing apparatus to locate malfunctions;
- Reads and interprets plans for new pump installations;
- Maintains a preventive maintenance schedule;
- Operates hydrocrane, steam cleaning, sandblasting, and arc and acetylene welding equipment in maintenance and repair work;
- Cleans pumping station wet wells and forebays;
- Sprays or brush paints equipment;
- Observes and enforces safety rules and regulations;
- Keeps records and makes reports;
- Performs other related duties as required.

**MINIMUM REQUIREMENTS:**

Two years recent experience in the operation or maintenance and repair of electrically driven pumping equipment and electrical control panels or similar electrical experience;  
Willingness to work odd hours or overtime as needed;  
A valid motor vehicle operator license or permit;  
Certification of backflow testing is highly desirable.

**HISTORY:**

Title changed from Sewer Pumping Plant Mechanic 07/01/91, revised 04/20/72 as Sewer Pumping Plant Mechanic, revised 01/27/92.

Approval/Adoption Dates: 01/27/92 - Human Resources Department  
02/12/92 - Civil Service Commission