

STEAM PLANT MAINTENANCE SUPERVISOR, 3786

Summary of Duties : Supervises a crew of journey-level employees and helpers engaged in the maintenance and repair of the electrical and mechanical equipment and the buildings of a steam-electric generating station and related facilities; or supervises several supervisors and their crews doing this type of work in a maintenance section; and does related work.

Distinguishing Features : The work of a Steam Plant Maintenance Supervisor includes responsibility for supervising and training personnel in the maintenance and repair of both the buildings and the highly specialized equipment in a steam-electric generating station. However, major overhaul work on the generating units is done by specialized crews of the General Services Division. The Supervisor assigns work in accordance with an established program of routine maintenance, written or oral instructions issued by higher level supervisors, or as a result of personally inspecting facilities including equipment reported in faulty equipment reports.

Example of Duties : Supervises journey-level workers and helpers engaged in the maintenance and repair of steam-electric generating station facilities, including boilers, boiler refractories and insulation, heat exchangers, high pressure pumps, compressors, exciters, turbines, condensers, valves and piping electric generating equipment, related auxiliaries and buildings; supervises the maintenance and repair of fuel oil storage equipment, including tanks, heaters, transfer pumps and related facilities; enforces safety regulations and practices; inspects work in progress and upon completion for conformance with department standards and for satisfactory operation;

Inspects buildings and equipment to determine the need for repair work; recommends maintenance and repair schedules for equipment; makes estimates of labor and materials; prepares preliminary drawings and work order; requisitions materials; requests inspection of boilers by the State after completion of boiler overhaul; keeps records and makes reports of maintenance and repair activities; fulfills supervisory affirmative action responsibilities as set forth in the City's Affirmative Action Program; and may occasionally be assigned to other duties for training purposes or to meet technological changes or emergencies.

Qualifications: A good knowledge of the hazards involved and safety precautions required in working near operating steam plant equipment, including energized circuits, acids and caustics; a good knowledge of the practices, materials and tools of such crafts as boiler repair, plumbing, electrical, pipefitting, welding, machining, refractory bricklaying, rigging, painting and protective coating used in the

maintenance and repair of the electric and mechanical equipment and the buildings and grounds of a steam-electric generating station together with some skill in several of these crafts; a good knowledge of the construction, operation, maintenance and repair of high pressure boilers and steam plant auxiliary equipment; a good knowledge of the characteristics of steam and water under high pressure and high temperature; a good knowledge of mathematics required in steam plant maintenance; a good knowledge of Los Angeles City Building Code and the State Boiler and Fired Pressure Vessels Safety order; a good knowledge of the Department of Water & Power Safety regulations relating to steam electric generation stations; a good knowledge of the Municipal Code dealing with boilers; a working knowledge of the laws and regulations related to equal employment opportunity and affirmative action; a general knowledge of the City personnel rules, policies and procedures as they apply to the Department of Water & Power procedures; a general knowledge of memoranda of understanding as they apply to subordinate personnel; the ability to inspect the buildings and equipment of a steam-electric generating station and to determine maintenance and repair needs; the ability to prepare working sketches and to work from blueprints; the ability to direct and coordinate the work of subordinates; and the ability to deal tactfully and effectively with supervisors, subordinates other employees, and the public.

Four years of full-time paid experience as a Steam Plant Maintenance Mechanic or in a class at that level in the maintenance and repair of electric or mechanical equipment in a steam-electric generating station is required for Steam Plant Maintenance Supervisor.

Physical Requirements : Strength to perform average lifting of less than five pounds and occasionally over 15 pounds; body agility and equilibrium involved in activities such as climbing ladders during inspections; good speaking and hearing ability; and good eyesight.

Persons with medical limitations may, with reasonable accommodations, be capable of performing the duties of some of the positions in this class. Such determination must be made on an individual basis in light of the person's limitations, the requirements of the position, and the appointing authority's ability to effect reasonable accommodations to the person's limitations.

As provided in Civil Service Commission Rule 2.5 and Section 4.55 of the Administrative Code, this specification is descriptive, explanatory and not restrictive. It is not intended to declare what all of the duties and responsibilities of any position shall be.