

WATER PLANT MAINTENANCE MECHANIC

DISTINGUISHING FEATURES OF THE CLASS: This is skilled mechanical work involving responsibility for keeping Water Treatment Plant equipment in efficient and effective operating condition. The work involves performing difficult and technical repair and preventative maintenance work to the plant equipment. Work also involves responsibility for the minor repair of the physical structure itself. Work is performed under the general supervision of the Chief Water Plant Operator with leeway allowed for the use of independent judgment in planning and carrying out the details of the work. Supervision is exercised over the work of repair and maintenance personnel.

TYPICAL WORK ACTIVITIES: (Illustrative Only)

- Supervises and participates in the repair and maintenance of pumps, valves, motors, chlorinators, chemical feed machines, filters, mixing machines and other water treatment plant equipment;
- Supervises and participates in minor building repair work including plumbing, carpentry, painting, mechanical and fixture work;
- Performs preventative maintenance work on plant buildings and equipment by periodically inspecting and where necessary, conducting repairs;
- Participates in the training of new employees who will be responsible for equipment repair and maintenance;
- Maintains an inventory of tools and equipment;
- Keeps records on all maintenance and repair work performed;
- Performs related work as required.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES, AND PERSONAL CHARACTERISTICS:

- Good knowledge of the methods, materials, tools, equipment and procedures used in the repair and maintenance of a Water Treatment Plant and its equipment;
- Good knowledge of machinery and equipment maintenance and repair;
- Skill in the operation of manual and power tools;
- Ability to supervise the work of others;
- Ability to work from plans and specifications;
- Ability to follow oral and written directions;
- Mechanical aptitude;
- Dependability;
- Physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS:

- A. Graduation from high school or possession of a high school equivalency diploma and two (2) years fulltime paid experience in the repair and maintenance of water treatment plant equipment on a skilled level; OR
- B. Graduation from high school or possession of a high school equivalency diploma and three (3) years fulltime paid experience in the repair and maintenance of mechanical equipment on a skilled level; OR
- C. Any equivalent combination of training and experience as defined by the limits of (A) and (B) above.

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