

HYDRO MAINTENANCE WORKER I

Definition:

Under direction of the Maintenance Supervisor, performs as a journeyman in the construction and maintenance of hydro plants and related facilities.

Distinguishing Characteristics:

This position is the journey level in the Hydro Maintenance series. Incumbents are expected to work with a minimum of supervision and to know the methodologies necessary to accomplish tasks safely, efficiently and effectively. On occasion they may serve as a lead worker or instructor to other maintenance employees. This class is distinguished from the II level, which functions as a lead worker and instructor on a routine basis.

Examples of Duties:

- works as part of the maintenance crew in the maintenance of all Agency hydroelectric facilities;
- operates a variety of hand and power tools in accomplishing assigned tasks;
- operates heavy tractor equipment in the maintenance of roads, bridges, dams and related facilities;
- performs maintenance and repair of buildings, roads, bridges, outlet works, equipment, and related facilities;
- reads and interprets work from sketches, plans and specifications;
- plans and estimates labor and materials required on some jobs, and maintains records of time and materials used;
- performs other related duties as required.

Qualifications:

Knowledge of:

- safe construction practices;
- safe hand and power tool operation;
- safe and efficient equipment operation;
- journey level building maintenance skills (carpentry, plumbing, painting);
- construction methods and techniques;
- principles of training.

Ability to:

- operate hand and power tools safely;

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- operate heavy equipment and perform routine equipment maintenance and servicing;
- stand and walk for extended periods, bend and stoop frequently;
- lift and carry moderate to heavy loads (50+ lbs.) safely;
- work in confined spaces occasionally;
- traverse rugged and uneven terrain frequently and under adverse conditions;
- discriminate between color coded electrical, mechanical and plumbing lines and connections in poor lighting;
- follow oral and written instructions;
- read and understand label instructions, MSDS data, construction plans and maps;
- establish and maintain cooperative work relations;
- prepare estimates of labor and materials.

Education/Experience:

Sufficient education, training and experience to demonstrate the knowledge, skills and abilities listed above. These would normally be acquired by completion of high school and five years experience in the construction maintenance field at least one of which must have been in hydro generation construction or maintenance, or a closely related field. Completion of a valid apprenticeship program in a closely related field may be substituted for the general experience only.

License/Certificates:

Must possess and maintain a valid California driver's license with an acceptable driving record and any endorsement required for heavy equipment operation by the State of California.