

PLANT MECHANIC

Definition:

Under general direction, repair and overhaul mechanical equipment in the hydroelectric power plants and related facilities. Assignments are made in the form of written or oral instruction and may be accompanied by sketches and/or blueprints. Work is ordinarily performed independently and subject to inspection in process or upon completion.

Distinguishing Characteristics:

The duties require travel to various remote sites and work outside in all types of weather as well as inside with prolonged periods of sitting; regularly walking on uneven surfaces which may be slippery or wet, bending, stooping, reaching, lifting and carrying 50 pounds, ability to discern colors and focus sight close and distant and ability to do fine manipulation of small controls. Use broad range of hand and power tools. Operates a vehicle on a regular basis.

Examples of Duties:

- preventative maintenance and repair of all types of mechanical equipment associated with hydroelectric plants, including mobile and heavy equipment;
- read and understand necessary manuals, drawings, plans and specifications;
- answer trouble calls and diagnose and repair faulty equipment;
- job planning and estimating regarding time, materials and equipment;
- fleet maintenance;
- general maintenance and construction duties;
- operate heavy tractor equipment;
- metal work, pipe work, routine welding, paint and protective coating preparation and application, take measurements and prepare job sketches, concrete work, building maintenance and repair;
- perform related duties as required.

Qualifications:

Knowledge of:

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Ability to:

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Education/Experience:

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Sufficient education, training and experience to demonstrate the knowledge, skills and abilities listed above. These would normally be acquired by graduation from high school and two (2) years of directly applicable experience at the journeyman level, including experience with power generating equipment. Must attend all training schools as assigned.

License/Certificates:

Must possess and maintain a valid California Class A driver's license with an acceptable driving record.