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ELECTRIC AND WATER MAINTENANCE WORKER

GENERAL STATEMENT OF DUTIES: Installs and maintains electric power lines and poles; performs a variety of semi-skilled tasks in the maintenance and repair of a water distribution system; does related work as required.

DISTINGUISHING FEATURES OF THE CLASS: This is difficult work involving the erection, installation, maintenance and repair of all overhead and underground electric power transmission lines. Work also involves semi-skilled tasks in the maintenance and repair of water distribution lines. Work is usually performed under direct supervision with occasional leeway for the use of independent judgement in carrying out specific assignments. Supervision may be exercised over the work of helpers or laborers.

EXAMPLES OF WORK: (ILLUSTRATIVE ONLY)

Sets and guys poles for electric power transmission lines;
Strings electric power lines on poles and through underground conducts;
Installs transformers, crossarms, and other equipment;
Trims and fells trees in path of transmission lines;
Runs service lines from poles to consumer's premises;
Assists in the installation of new water mains and distribution lines;
Makes repairs to water mains and distribution lines;
Reads electric and water meters for billing purposes.

REQUIRED KNOWLEDGES, SKILLS, AND ABILITIES: Good knowledge of the principles of electricity; good knowledge of the installation, maintenance and repair of high voltage electric power distribution systems and equipment; good knowledge of standard safety measures used in handling high voltage electrical circuits; working knowledge of the common practices, tools, and terminology involved in the construction, maintenance and repair of water distribution lines; ability to climb poles and tower; ability to work at considerable heights and under adverse weather conditions; ability to splice wires and cables; ability to follow simple oral and written instructions; ability to perform heavy labor for extended periods in emergencies; reliability; physical strength and endurance.

ACCEPTABLE TRAINING AND EXPERIENCE: Graduation from a standard high school and:

(a) one year of satisfactory experience in the construction and maintenance or service phases of a water distribution system;

AND

(b) one year of satisfactory experience as a lineman on high voltage electric power distribution systems, or two years of such experience as a helper;

OR

(c) any equivalent combination of training and experience sufficient to indicate ability to do the work.

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