

Specification for Class of

UTILITIES ENGINEER 2

Abolished Initially Effective January 13, 2006

Abolished Final Effective February 10, 2006

Definition: Performs professional engineering work in the office or field.

Distinguishing Characteristics: This class is distinguished from the 3 level in that the work to be accomplished by a 2 is prioritized and assigned by the supervisor rather than determined or selected by the incumbent. The 2 level is distinguished from the 1 level in that the 2 is delegated full responsibility to plan, organize and carry out the assignment without additional assistance, except for larger or more difficult assignments where methods or time-tables may be specified. The end output is reviewed and spot-checked for quality, quantity and methods used.

Typical Work

Assists in field inspections of assigned utilities and in providing supporting data and analysis for oral or written reports submitted on the utilities' practices or operations;

Advises smaller utility companies of, and enforces, Utilities and Transportation Commission's orders and regulations;

Investigates service complaints of smaller utilities;

Tests the quality of utility services and the enforcement of standards for such services;

Analyzes utilities' proposed construction plans for service and engineering feasibility;

Prepares and analyzes less complicated depreciation, valuation and cost studies;

Assists in the preparation and analysis of exhibits and data for formal hearings;

Assists in the investigation of utilities' procedures for compliance with laws and Commission regulations;

Performs other work as required.

Knowledge and Abilities

Knowledge of: engineering principles and methods as applied to utility regulation and to organization and operation of all but the major electric utilities, telephone companies, water distribution systems, and gas pipeline and distribution systems; laws, rules and regulations of the Utilities and Transportation Commission; utility plant valuation procedures; methods of calculating depreciation; inspection techniques; and some understanding of national, state and local safety codes.

Ability to: apply engineering standards to calculate utility plant values, to determine engineering feasibility of tariff applications and changes, and to measure the effect of different methods of depreciation and valuation; conducts and mediates service complaints related to utility plant or its operation; write and speak clearly.

Minimum Qualifications

1. A Bachelor's degree involving major study in engineering.

AND

2. One year of experience as an engineer with a governmental utilities regulatory agency or electric, gas, telephone or water system or as a consulting engineer specializing in one of the above fields for a utility system or utilities regulatory agency.

Note: For positions assigned to the Telephone Engineering Branch, a combined total of four years of the following types of education and/or experience may be substituted for the Bachelor's degree in engineering. Attendance at schools operated by telephone companies, telephone equipment manufacturers or telephone suppliers which provide training in the operation and maintenance of common control or electronic switching equipment and/or experience as a telephone engineer or lead worker engaged in the maintenance and/or installation of any type of central office switching equipment.

New class

Effective May 1, 1975