

Specification for Class of

UTILITIES ENGINEER 1

**Abolished Initially Effective January 13, 2006**

**Abolished Final Effective February 10, 2006**

Definition: Performs entrance level professional engineering work in the office or field on assigned utility projects.

Typical Work

Performs as a member of a team and is assigned the less difficult duties involved in the following:

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

Participates in testing the quality of utility services and the enforcement of standards for such services;

Investigates service complaints of smaller utilities;

Participates in analysis of utilities proposed construction plans for service and engineering feasibility;

Assists in preparing and analyzing depreciation, valuation and cost studies;

Examines and studies laws, rules, regulations, precedent decisions and orders of the Utilities and Transportation Commission, and the regulatory theory applicable to all engineering matters affecting utility regulation;

Performs other work as required.

Knowledge and Abilities

Knowledge of: engineering principles, methods and techniques as applied to design, construction and valuation of either electric utilities, telephone companies, water distribution systems, or gas pipeline and distribution systems; arithmetic, calculus and engineering formulas as applied to valuation and depreciation methods and practices.

Ability to: compute and determine depreciation and valuation rates and amounts associated with utility plant using any of several methods; conduct field or office review of engineering oriented service complaints; write and speak clearly and concisely.

Minimum Qualifications

A Bachelor's degree involving major study in engineering.

New class

Effective May 1, 1975