

Salary Schedule	MOU	Benefits
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City of Alameda
Code No. 7210
Approved by C.S.B.
May 6, 1981
Approved by P.U.B.
April 16, 1990

SENIOR ELECTRICAL ENGINEER

DEFINITION

Under general direction of the Engineering Manager, supervises engineers and technicians engaged in engineering of utility power facilities, a-d performs responsible professional engineering work in system planning, design and operations analysis and does related work as required.

EXAMPLES OF DUTIES

1. Supervises engineers and technicians engaged in the performance of various system studies including system planning, loss evaluation protection coordination and load forecasting.
2. Responsible for preparation of plans, specifications and cost estimates for complex electrical equipment and installations; recommends system additions and improvements.
3. Assists in the procurement of new materials by conducting feasibility studies of new equipment, interviewing manufacturers' representatives, and monitoring technical publications for recent developments.

EMPLOYMENT STANDARDS

Education/Experience

Any combination equivalent to education and experience likely to provide the required knowledge and abilities. A typical way to obtain the knowledge and abilities would be:

Education: Graduation from an accredited college with a B.S. Degree in Electrical Engineering.

Experience: Six years experience, within the past ten years, in utility power systems, at least two years of which must have been at a professionally responsible level.

Knowledge

Knowledge of principles and practices applicable to the utility power field.

Ability

Ability to coordinate work of engineers and technical personnel; apply higher mathematics to solve complex problems; work in harmony with other supervisors and the public; write clear concise technical reports and business letters.

Other Requirements

Selected positions require possession of a valid California Driver's License and satisfactory driving record as a condition of initial and continued employment.

Registration as a Professional Electrical Engineer in the State of California is required.