

SENIOR DESIGN TECHNICIAN

Performs technical design work required for the operation, construction, maintenance or rebuilding of electric and gas distribution facilities. Responsible for estimating the total project cost associated with work assignments. Assists engineer by performing gas and electric system calculations, identifying and implementing system improvements, analyzes alterations and makes recommendations for projects. Assists and instructs other Company personnel in matters related to Senior Design Technician responsibilities.

General Comments

Must meet the company's general qualifications.

Job knowledge and competence will be demonstrated on a periodic basis by successful completion of job related skills verification.

Will participate in training as required. Work assignments will be based on training that has been received.

Will adhere to company and departmental policies, standards and established procedures.

This job description attempts to give examples of the tasks associated with the job; however, the listings are not all inclusive.

Safety is the responsibility of every employee at DP&L. All safety procedures or policies outlined in job procedures, safety reference guide, training classes and agency requirements (OSHA, etc.) are expected to be followed.

Qualifications

Entry Level

A minimum of six years as a Design Technician or the equivalent and demonstrate the ability to perform all tasks of the Design Technician.

Fully Qualified

A minimum of one year experience as a Senior Design Technician and demonstrate the ability to perform tasks of the job. Must have completed all the courses in the development plan for Design Technician. Must have passed the entrance exam to Senior Design Technician. Must meet all educational requirements of Design Technician.

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Job Attributes

Work requires minimal manual or physical skills. Work involving light physical exertion while working on job sites.

The numerous complex tasks require the exercise of considerable degree of independent judgement within established limits.

Technical work requires close mental and visual concentration to achieve high levels of accuracy.

Responsible for the design and work order preparation as well as on site technical direction to ensure safety of self and others.

Work on job sites involves occasional risk of injury. Work will occasionally require activities when the conditions are less than ideal.

Work involves use of Company vehicles and small equipment. Responsible for planning and designing gas and electric distribution facilities.

Many tasks involve the preparation and/or use of confidential plans and other documents.

Work involves frequent public contacts with customers, developers and other utilities pertaining to Company policy and procedures.

Contacts involve making regular work arrangements and following of non-routine assignments.

Individual employee has responsibility for completion of non-routine assignments while receiving limited supervision

Will direct the activities of other employees in the Design Technician series. Has responsibility for technical advice to company crews, other utility crews and construction personnel.

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Performance Expectations Upon Completion Of Training and On The Job Experience

All performance expectations of Design Technician II.

Design complex gas and electric projects with limited supervision.

Assist engineer in job-related calculations (for example: system fault currents, system voltage drops, fuse coordination, circuit assessments and electric distribution switching plans).

Assist engineer in identifying and implementing gas and electric distribution system improvements.

Assist and instruct other Company personnel in matters related to Senior Design Technician responsibilities. Will direct the activities of other employees in the Design Technician job.

Propose and analyze project alternatives and make recommendation.

Has a working knowledge of national, local and company standards and codes and other pertinent regulatory requirements as they relate to Senior Design Technician responsibilities.

Perform other similar or less skilled work.

Reference: Verifiable Skills
Structured Training