



Civil/Structural Staff Engineer

General Description

This individual will have the responsibility of performing detailed phases of design engineering assignments for a project of various size and complexity (e.g. continuing services project involving a single engineering discipline). The incumbent must be fully competent in all conventional aspects of design engineering and capable of planning and conducting tasks requiring independent judgment in evaluating, selecting, and substantial adaptation and modification of standard design engineering techniques, procedures and criteria. This position is part of the Civil/Structural Engineering group and will report to the Civil/Structural Engineering Manager. This position plans, assigns, reviews and approves the work of other engineers and designers. This individual may also direct the efforts of contractors or consultants from time to time.

Duties & Responsibilities

- In addition to functioning in the capacity of an in-house engineer, duties may also be performed in a plant engineering capacity with a clients' operating facility or in a field engineering capacity.
- Must be able to work independently, with minimal supervision, as well as have the ability to work and function as part of a team.
- Requires experience in all aspects of a project life from preliminary engineering through final design and construction support services.
- Supervises the work of others through the planning, review and scheduling of specific project tasks when functioning as a project lead engineer
- Assist in scope development, man-hour estimates and perform material take-offs as required
- Experience in structural computer analysis software (i.e., RISA3D, STADD, ENERCALC, or similar software).

Minimum Qualifications

- Requires a four-year Engineering degree (BS in Civil or Structural engineering)
- 10 to 15 years design engineering experience
- Professional Engineer (P.E.) license is required
- Requires an advanced level of working knowledge of various engineering computer software packages.
- Advance level of computer skills including word processing, typical spreadsheets
- CADD literate
- Working knowledge of current design codes and standards (i.e. IBC, AISC, ASCE 7, ACI, MSHA, OSHA)
- Ability to multitask
- Experience in heavy industrial projects
- Good oral and written communication skills



Position Description

Preferred Qualifications

- Structural Engineer license desirable
- Active membership in a professional Organization (i.e. AISC, ICC or AISC)
- Willingness to participate in onsite visits which may require overnight travel

Classification

Exempt

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