



Civil/Structural Engineer Senior

General Description

This individual will have the responsibility of performing a variety of assignments requiring the application of standard design engineering techniques for small projects or selected segments of a larger project. The individual must be capable of exercising independent judgment in evaluating, selecting, and applying standard design engineering techniques, procedures and criteria to make minor design adaptations and modifications. This position is part of the Civil/Structural Engineering group and reports to the Civil/Structural Engineering Manager. This position does not have any official supervisory responsibility; however, the individual may advise and direct less experienced personnel within the group or may direct the efforts of contractors or consultants from time to time.

Duties & Responsibilities

- Assignments have clear and specific objectives and require the investigation of a limited number of variables
- In addition to functioning in the capacity of an in-house staff engineer, duties may also be performed in a plant engineering capacity within a clients' operating facility or in a field engineering capacity in support of a construction project
- Must be able to work independently, with limited supervision, as well as have the ability to work and function as part of a team
- Supervises the work of others through the planning, review and scheduling of specific project tasks when functioning as a project lead engineer
- 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)
- Four to ten years design engineering experience or an equivalent combination of education and experience.
- Requires an advanced level of working knowledge of various engineering computer software packages.
- Professional Engineer (P.E.) license is required
- 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)
- Experience in heavy industrial projects
- Ability to multitask
- Good oral and written communication skills

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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