



Mechanical Engineer Senior

General Description

Performs a variety of assignments requiring the application of standard design engineering techniques for a small project or selected segments of a larger project. Exercises independent judgment in evaluating, selecting, and applying standard design engineering techniques, procedures and criteria to make minor design adaptations and modifications. This is a senior-level position in the Mechanical Engineering group which reports to a Staff/Senior Staff Engineer in the discipline or directly to the Discipline Manager. Requires minimal instruction from supervisor to perform job function. May supervise lower level engineers and drafting/design staff when functioning as project engineer.

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 have the ability 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.
- Must possess basic project management skills including ability to assist Project Managers with manpower estimates and project schedules.
- Performs audits of vendor supplied information against engineering specifications and data sheets for specific projects. Interfaces directly with equipment vendors during specification, order and fabrication of equipment.
- Interfaces directly with clients, at the direction of the Project Manager, to discuss specific discipline related issues requiring technical input.

Minimum Qualifications

- Requires a four-year Engineering degree (BS in Mechanical Engineering)
- Four to ten years design engineering experience or an equivalent combination of education and experience.
- Professional Engineer (P.E.) license is required
- Functional experience with project economics and project estimating is required.
- Advance level of computer skills including word processing, spreadsheets, scheduling and engineering related computer software.
- CADD literate.
- Working knowledge of current design codes and standards in multiple disciplines (i.e. Pressure Vessel Code, Boiler Code, NEC, NFPA, MSHA, OSHA).
- Heavy industrial engineering experience in one or more commercial industries.
- Ability to multitask.
- Good oral and written communication skills.

Preferred Qualifications

- General knowledge of heavy fabrication techniques.



Position Description

- One to three years field experience in engineering related aspects of construction or operations.
- Active membership in a professional Organization (i.e. ASME)
- Willingness to participate in onsite visits which may require overnight travel

Classification

Exempt

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