

Plumbing Designer II

May 30, 2018

This individual independently evaluates, selects and applies standard plumbing design techniques and procedures using judgment in making minor adaptations and modifications. Assignments have clear and specified objectives and require the investigation of a limited number of variables. This position is provided supervision, continuous improvement and training through co-design.

Responsibilities include designing building plumbing systems for many industries such as retail, restaurant, education, entertainment-theaters and commercial. Assessment of existing or new project conditions is required, and the Plumbing Designer II shall be capable of applying this information in the design. Position requires communication with Clients and Project Managers for coordination of design criteria.

Specific tasks are as follows:

- Participate in selection process for basic plumbing systems.
- Perform calculations using procedures described in ASPE Handbooks, and recognized software suites.
- Project profile includes prototype development, non-prototype projects.
 - Selecting plumbing systems and sizing.
 - Drawing layout and organization.
 - Basic specification writing or editing.
- Communicate with landlord, outside consultants, and authority-having-jurisdiction regarding code review comments.
- Along with the Project Manager and other members of the design team, communicate directly with owner or client regarding plumbing design issues.
- Gain better understanding of energy codes.
- Gain a deeper knowledge of plumbing codes and fire codes as they apply to larger commercial projects.
- Work independently with minimal supervision, and mentor Plumbing Design personnel through co-design.
- Moderate ability to provide engineer's cost estimation.
- Participate in project Premieres, retrospectives and continuous improvement activities.
- Review shop drawings and submittals.
- Respond to "Code Comments" and "Landlord Comments".

Required Skills:

- Good communication skills are required.
- Must have a moderately strong understanding of Plumbing Codes as well as local codes and amendments.
- Works with minimal supervision.
- Ability to interpret and apply the codes towards system design and calculations.
- Shall have a good understanding of building structures, mechanical, electrical and plumbing systems and how they interact.
- May provide a mentor type role to Designers or Cad Tech personnel through co-design.
- May provide some specifications writing and editing.
- Shall be able to design plumbing systems for all retail establishment types, small schools (elementary and middle), restaurants, small office buildings less than 75,000 sq. ft. and under 5 floors.



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Education Requirements:

Requires 5 years of relevant design experience within Plumbing design discipline.

Location:

Kansas City, Missouri