

Mechanical Designer

Overview

Our growing Manufacturing Infrastructure Services team is actively interviewing for upcoming projects. Our Mechanical Designer role provides you the opportunity to design state-of-the-art manufacturing, oil & gas, water treatment and power facilities. We are seeking a self-motivated individual with strong communication skills and a passion to apply professional experience and knowledge in a team environment on technically challenging and professionally rewarding projects. You are part of a team working on projects that make our clients successful today, while helping them develop and capitalize on emerging technologies. You should be a detail-oriented professional who understands the importance of meeting commitments while remaining flexible in a fast-paced environment with a technical associate degree or high school diploma and equivalent experience. Candidates must have knowledge of computerized design tools. You will be using Revit, Navisworks, and AutoCAD.

Responsibilities:

- Coordinate with mechanical engineer to develop general arrangements, P&IDs, interconnecting piping, HVAC system, plumbing, and fire protection system drawings
- Evaluate and resolve problems by reviewing multiple sources of information and coordinating design criteria with other disciplines
- Develop mechanical material take-offs
- Provide quality oversight for mechanical designs performed by others
- Be the main point of contact for the mechanical discipline when meeting with the project manager, other discipline leads, and the customer
- Train and mentor less experienced designers
- Generate mechanical hour estimates to complete ongoing work and for new proposals

Qualifications

- Technical associate degree or high school diploma and equivalent experience on heavy industrial and manufacturing type projects
- Knowledge of computerized design tools such as REVIT, Navisworks, and AutoCAD
- Ability to work with engineers and senior designers to design mechanical, HVAC, and piping systems
- Proficient in using Microsoft Suite including MS Word, Outlook, Excel and PowerPoint
- Possess excellent written and verbal communication skills
- Ability to perform field/site visits
- Ability to travel (estimated travel time is 10%)

Preferred Qualifications:

- Possess an understanding of mechanical engineering codes and standards
- Experience with Mechanical design software
- Proficient in the use of REVIT, Navisworks, and AutoCAD

Interested and qualified candidates please send resume to jbrooks@cecinc.com