



Job Title: Mechanical Engineer (P.E.)

Job Type: Full Time

Job Location: Clarksville, TN

Job Description:

We are seeking a dedicated Mechanical Engineer with a Professional Engineer License who will be responsible for designing mechanical systems for highly integrated facilities for LG Chem. This role requires you to perform calculations such as loads and pressure and reviewing previously developed drawings.

Your duties will include:

- Coordinate the work of the mechanical design team through the various stages of the construction.
- Establish meetings and participate in reviews with various governing agencies for code compliance.
- Write and edit mechanical specifications, select equipment and materials, mechanical systems and devices.
- Perform load calculations, static pressure calculations, pump head calculations, energy analysis, etc.
- Develop mechanical specifications, Auto CAD and 3D BIM modeling of systems, mechanical equipment schedules, etc.
- Work independently with minor guidance on small projects or assist more senior engineers on larger projects.
- Perform field investigations and mechanical inspection for projects.
- Perform investigation between previously developed drawings and the actual construction at the site.
- Assist in estimating construction costs and evaluate the feasibility of construction.

Your qualifications are as follows:

- Diploma or Bachelor's degree in Engineering



UIBS
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- Valid Professional Engineer License
- 3 - 10 years of experience in mechanical engineering
- High level of experience in MS Office, AutoCAD, and Navisworks (or Revit).
- Proficiency in interpreting piping and instrumentation diagrams (P&IDs), isometric.
- Knowledge of industry standards such as ASME, API, and ASTM codes.
- Strong organizational and scheduling skills, with the ability to manage multiple tasks efficiently.
- Excellent communication skills, capable of working with inspectors, subcontractors, and project managers.
- Ability to adapt to a fast-paced environment and support various site operations.

Your benefits are as follows:

- Medical, Dental, and Vision insurance
- Life insurance
- 401K matching
- Relocation Assistant
- PTO
- Paid holidays
- Visa Sponsorship
- Meals provided