

Mechanical Designer

Position Summary:

The client is a major engineering company located in Webster Groves Missouri. They are searching for a motivated Mechanical Designer with 2 to 5 years of 3Ddesign-modeling experience, who desires to grow in a technical and professionally diverse environment.

The candidate will be responsible for developing designs in the preparation of drawings, managing the drafting function for projects assigned, supporting the department manager in maintaining the design (drawing) standards, and suggesting details to complete the drawings per standards.

Responsibilities:

- Maintain drawing and design standards based on the Mechanical Department's current standards.
- Develop the design per company standards.
- Notify the PM and Leads about scope changes.
- Check detail drawings and revisions to drawings.
- Develop piping layouts and piping schematics, per lead engineer's directions.
- Assemble available information as required for drawing production, including GA and equipment drawings, coordinating with structural engineers and mechanical designers where differences occur.
- Be the engineers' first "detail" checker. Review details for completeness and accuracy.
- Oversee filing of production drawings and develop issue folder for issuing drawings
- Review drawings of other disciplines for mechanical requirements and interface
- Make records of meetings and phone conversations

Qualifications:

- Associate degree or relevant technical degree required.
- Core competencies required in planning drawing work for the mechanical team.
- Experienced preparing mechanical flow diagrams and drawings to support equipment specifications.
- Strong problem-solving and communication skills.
- Revit software experience is preferred, but SolidWorks or Inventor + other 3D software is acceptable.
- Experienced with engineering sketches and calculations, general arrangements, and plant layout drawings.

Preferred Qualifications:

- Heavy industrial process experience for piping layouts and schematics in a plant setting, MEP (Mechanical, Electrical, Plumbing) for EPC (Engineering, Procurement, Construction)
- Heavy industrial systems design in similar industry in EPC/EPCM (Engineering, Procurement, Construction Management) engineering/construction field

Company Benefits:

- Comprehensive insurance package with Medical, dental and vision insurance.
- Long Term Disability & Basic Life / AD&D coverage.
- 401(k) Plan with Company match.
- Three weeks (prorated for the first year) Paid Time Off (PTO).
- Five (5) paid sick days per year
- Relocation assistance - Reimbursement for moving expenses; stay in hotel or company apartment (1-2 weeks)