

Mechanical Engineer Position

Company Information

We are a MEP consulting and design firm located in downtown Los Angeles specializing in the planning and design of building systems. Our company is founded on the model of teamwork to provide a product to our clients that is unparalleled in the industry. We work closely with architects, project managers, and building operators to ensure a successful project for all involved. We serve diversified markets including data centers, hospitals, laboratories, office spaces, retail spaces, entertainment venues, and more. Our business promotes continuing education and advancement of our team members. We are a growing firm looking to expand in 2015 and beyond.

Duties and Responsibilities

This position is for a full time mechanical engineer. Daily duties and responsibilities will be as follows:

- Provide production support for preparation of construction documents.
- Perform design calculations for HVAC systems.
- Assist in the development of technical reports and presentations.
- Coordinate with architects, engineers, and vendors to complete projects.
- Work as an integral team member to complete high quality products on-time.

Candidate Requirements

The goal of our company is to continually develop engineering knowledge to perform at a high level in a competitive marketplace. As such, candidates must meet the following requirements for this position:

- Bachelor's degree in Mechanical Engineering.
- 0-2 year of experience in the design of mechanical systems.
- Willingness to learn and continually improve.
- Ability to work individually and as a team.
- Strong written and verbal communication skills.
- Proficient in Microsoft Word and Excel.
- Proficient in CAD (AutoCAD and Revit).
- Organized and manages time effectively.

Preferred Experience

- Proficient in Revit MEP.
- Experience reading drawings and blueprints.
- EIT

What you will learn

This position directly supports management and senior engineers to complete a wide range of HVAC intensive projects. As an entry level engineer, you will be given extensive hands-on training in the design of mechanical system for buildings. Below is a list of just a few things you will learn:

- How to perform heating and cooling load calculations for a wide variety of building applications.
- Intricate knowledge of building and energy codes.
- Air handling system design.
- Central plant and hydronic system design.
- How to prepare construction documents and technical reports.
- Building control system design.
- LEED design and administration