

M+W Zander U.S. Operations, Inc. is a full service architecture, engineering and construction management firm. Our focus is in complex, technically challenging projects in the fields of advanced technology – scientific research, electronics, life science and government.

Over our 90 year history, we have emerged as an industry leader in research and development, pilot manufacturing, manufacturing, assembly & testing operations, supporting administrative, housing, food service, and special purpose facilities. The partnerships we have formed take us to every continent in the world.

We are committed to attracting and retaining the best employees. Our teams bring outstanding expertise to every project, from business and strategic planning to facility maintenance and operations.

We create extraordinary solutions, delivering the unexpected by listening and responding with ingenuity and innovation.

ARE YOU READY TO UNLEASH YOUR POTENTIAL?

Job Title: Senior/Lead Mechanical Engineer

Job Summary:

Function as the Lead Mechanical Engineer in the design and preparation of construction documents, while providing technical direction to designers and drafters assigned to specific projects. Design, develop and implement solutions for the Data Center/Mission Critical facility industry. Applies diversified knowledge of engineering principles and practices to broad variety of assignments and related fields. Makes decisions independently regarding engineering complexities and methods. Requires use of advanced techniques and modification and extension of theories, precepts, and practices in individual's field. Registration as licensed Professional Engineer is required. Supervision and guidance relate largely to overall objectives, critical issues, new concepts, and policy matters. Consults with supervisor concerning unusual problems and developments. Typical duties and responsibilities include the following: Supervises, coordinates, and reviews work of small staff of engineers and/or technicians.

Duties and Responsibilities

- Provide Mechanical Engineering services to design, specify, and approve construction documents required for the construction of state of the art Data Center/Mission Critical and other facilities
- Interface with construction supervisors and vendors
- Function as the Lead Mechanical Engineer in the design and preparation of construction documents
- Provide technical direction to designers and drafters assigned to specific tasks
- Responsible for the quality and delivery of schematic and detailed designs
- Professional Engineering approval of work performed under direct supervision
- Thoroughly familiar with SMACNA, NFPA documents, and building codes
- Able to incorporate 'green' features into design solutions
- Familiarity and competence with the following:
 - Use of electronic mail and Excel /Word software
 - Familiar with Load Programs such as Trace 700
 - Familiar with Hydraulic Calculation Programs such as Pipe Flo
 - LEED
 - Familiar with AutoCAD and BIM software
- Other duties as assigned by the Project Engineering Manager

Skill and Educational Requirements

- B.S. Mechanical Engineering
- 10+ years of experience
- P.E. by examination
- Previous Data Center/Mission Critical facility, semiconductor, government or manufacturing project experience required
- LEED certification is a plus

Inter-Relationships

Shall have experience in managing several projects at the same time Contact with all levels of personnel within company and with clients and vendors.

Working Conditions

Work week will consist of 40 or more hours as the project requires. Travel will be required to client sites. Travel to other offices for strategy and client meetings and for ongoing professional development and training.

Interested applicants are invited send resume for confidential consideration to jobs.usa@mw-zander.com or fax to (866) 603-4356.