

MECHANICAL ENGINEER (FL, MI, PA, OR TN BASED)

Position Overview

Drummond Carpenter is seeking a Mechanical Engineer to support the design of HVAC, plumbing, and fire protection systems across a diverse range of projects. This role is well suited for an engineer who can collaborate with internal and external project team members, clients, contractors, and other technical experts to develop effective design solutions.

The successful candidate will utilize Revit, CADD, and other design software to support coordinated, high-quality project delivery while gaining opportunities for professional growth and advancement.

About Drummond Carpenter

Drummond Carpenter is a federal-certified service-disabled veteran-owned small business and a Florida-certified veteran business enterprise specializing in water, infrastructure, nuclear waste, and environment-related solutions. Our growth to more than 40 engineers, scientists, and technical professionals delivering projects in 25 states in just 10 years exemplifies our strong performance for federal, state, regional, and local governments as well as private and non-profit organizations. Since our founding in 2016, we have provided services on more than 400 projects

Key Responsibilities

Responsibilities may include:

- Engage in daily communication with clients, contractors, and multidisciplinary team members to address project needs.
- Design HVAC, plumbing and fire protection systems for a variety of commercial, educational, and institutional facilities, emphasizing energy efficiency and sustainability.
- Work closely with architects, engineers, and technicians from initial design phases to final construction documentation and field inspections.
- Research and apply relevant codes, LEED principles, and best practices to designs.
- Balance multiple project priorities and deadlines with precision and organization.
- Utilize Microsoft Office Suite for reporting and scheduling and demonstrate proficiency in AutoCAD or Revit for project design and Bluebeam for team communication.

Required Qualifications

- Bachelor's degree in Mechanical, or a related Engineering discipline
- 2-10 years of experience
- Knowledge of Microsoft Office Suite, particularly Word, Excel, and Outlook for effective calendaring and communication.
- Excellent interpersonal skills to work effectively with diverse personalities.
- Creative problem-solving abilities and the capability to work independently and within a team structure.
- Highly organized, adaptable, and self-sufficient, with the ability to thrive in a fast-paced environment.
- Willingness to travel for local and regional projects as needed.
- Valid U.S. driver's license and acceptable driving record

Work Environment and Travel

- Hybrid work arrangement based out of one of Drummond Carpenter's Florida, Michigan, Pennsylvania or Tennessee-based offices, remote work arrangement available
- Periodic fieldwork and limited overnight travel based on project needs

Professional Development and Benefits

Drummond Carpenter is committed to long-term professional growth. We offer:

- Opportunities to serve as a technical leader on complex municipal facility projects
- Collaboration with experienced civil, water, wastewater, and infrastructure professionals
- Ongoing technical training and leadership development
- Competitive compensation and comprehensive benefits package, including health care, 401(k), and an open PTO policy
- A collaborative culture that values both professional excellence and personal well-being

Drummond Carpenter, PLLC, is an equal opportunity employer, and all qualified applicants will receive consideration for employment without regard to race, color, religion, age, sex, national origin, disability status, genetics, protected veteran status, sexual orientation, gender identity or expression, or any other characteristic protected by federal, state or local laws.