

ENERGY ENGINEER

Engineer I - Rochester, New York

FLSA Status: Full Time, Exempt

Incorporated in 1996, **IBC Engineering P.C.** is an MEP/FP Consulting Firm employing over 53 professionals specializing in building systems. Our team of experts in Rochester and Buffalo is comprised of Professional Engineers, Designers, LEED™ Accredited Professionals, Energy Managers, CAD Operators and support staff skilled in all types of building projects.

ESSENTIAL DUTIES & RESPONSIBILITIES:

The essential functions include, but are not limited to the following:

- Engineering analysis for various needs, such as: load calculations, system lifecycle cost analysis, feasibility studies, acoustical analysis, CFD, Net Zero approach analysis.
- Design and analysis of sustainable building systems, Heating, Cooling, Ventilation within healthcare facilities, K-12/higher education and other buildings.
- Research Code issues and reviews drawings supplied by vendors, clients, architects and senior engineers.
- Coordinates work with clients and other consultants, as well as in-house staff from other disciplines.
- Develop plans, specifications and reports as needed on assigned tasks. Prepares correspondence concerning direction of assigned projects.
- Is technically involved in the resolution of design problems that may include performing field investigation or inspections, detailed design work, and detailed checking of design computations done by others, or general coordinating of specific design aspects into a project.
- Documentation of systems design in software such as Autodesk, MicroStation, Revit.
- Use of analysis tools such as Excel, eQuest, Fluent.

MINIMUM QUALIFICATIONS:

- Have or pursuing a Bachelor's Degree in Mechanical Engineering, or better. Coursework geared towards Energy, Environment, Sustainability, CFD, Thermodynamics, Fluid Mechanics.
- Must have a valid New York State Driver's License.
- Excellent communication, planning and organizational skills.
- Highly motivated, proactive, able to juggle multiple tasks & meet critical deadlines.

IBC Engineering, P.C. offers a comprehensive benefits package including health, dental, vision, supplemental insurance, employer paid life insurance, short and long-term disability, 401(k) matching, paid time off and holidays.

It is our policy to provide an equal employment opportunity to all individuals. We are committed to a diverse workforce. We value all employees' talents and support an environment that is inclusive and respectful. We are strongly committed to this policy with recruiting, hiring, training, promotions, compensation, and other employment related programs on an equal opportunity basis.

