



Description: Project Engineer - Commissioning (v20211229)

Emerald Built Environments is an international consulting company with expertise in business, sustainability, engineering and building science. We transform buildings, neighborhoods and developed land to achieve a healthy economy and environment. We consult with building owners and developers, and their design, construction and operations teams using integrated decision-making to align recognized industry standards and certifications with the owner's performance metrics and financial goals.

Emerald Built Environments provides an integrated approach to each project to understand our client's key requirements between the design and construction process. Our professional team brings together the best qualities of sustainability & engineering consulting coupled with the skills and qualifications of a full-service commissioning group. Building performance and owner satisfaction are increased through our wide range of consulting services. We offer a range of services including sustainability consulting projects, energy audit and analysis, and whole building system commissioning.

Our core services include: Green Building Certifications, Energy Modeling and Simulation, Building Systems Commissioning, Energy Services, High Performance Building Consulting, Building Performance Testing, Design/Build Services, Sustainability Consulting, Facility Assessment

Our core values keep us strong. Our team lives these values every day.

- Constantly raising the bar: focus on self-improvement and always learning
- Winning – eye of the tiger: be the best by leveraging technical expertise
- Cultivate the team: cooperate, engage, bring others along, give help and take help
- Owning outcomes: taking responsibility, take ownership and be proactive
- Environmental Stewardship: genuine concern for the environment and the opportunity for positive change

Job Description:

We are looking for a candidate already engaged as a building commissioning engineer looking to have more focus on sustainability and high-performance buildings. This is a full-time position for permanent hire. Our projects range from extremely complex commercial and industrial buildings to single-family residential construction. We have projects ongoing across the US as well as several European countries.

Compensation:

Compensation commensurate of experience

Benefits:

Healthcare, dental, vision, PTO, Retirement plan

Expected Weekly Hours:

Full time

Expected start date:

March 1, 2022

Duties:

Candidate will work as a project engineer for Energy and Commissioning projects. Candidate's duties will primarily focus on administering commissioning projects, preparing specifications, leading Owner Project Requirement document development, preparing functional testing plans and commissioning plans, overseeing, and performing on site functional testing, project coordination and other duties as required as part of the commissioning process. Duties also include preparing documentation for engineering related criteria / credits for LEED or other sustainable certification rating systems as applicable.

In addition to commissioning, candidate may be tasked with conducting site analysis for Energy Audits, building system assessments, and other field related inspections.

Field work and travel will be part of the responsibilities. Candidate will be responsible for administering functional testing on site.

Required qualifications:

BSME/BSEE (EIT preferred, must meet minimum requirements to get EIT)
Certification as a Commissioning Agent (AHSRAE BCxP preferred)
Proficient in AutoCad (Revit a plus)
Minimum 5-7 years experience

Preferred qualifications:

Professional Engineer
LEED AP credentials
Whole Building Energy Modeling credentials and experience and proficiency with energy modeling software (preferably Trane Trace/3D Plus), as well as working knowledge of ASHRAE 90.1
AutoCAD/Revit
RESNET/HERS/NGBS certification and/or experience