

Commissioning Engineer

Integra Testing Services is seeking a **Commissioning Engineer** for a full-time position. We are looking for a team oriented, quality minded, and motivated candidate. In this role, the Commissioning Engineer will execute commissioning and retro-commissioning on a large variety of commercial, residential, healthcare, and government projects. Our ideal candidate will have a bachelor's degree in mechanical or electrical engineering and at least 3- 5 years in a commissioning role. Proficiency with Building Management Systems (BMS) and Testing, Adjusting, and Balancing (TAB). We will consider candidates from the TAB, electrical, and/or controls industry that have a good over-all understanding of MEP systems and design. The ideal candidate will also demonstrate success in the following skills and abilities:

- Communicate and coordinate with Neudorfer Engineers' Cx team members and each project's Cx team members, including, owners, architects, engineers, contractors, vendors, building officials, etc.
- Lead meetings with clients, owners, contractors in a positive and productive manner.
- Schedule and lead commissioning site activities. Manage each project's Cx schedule.
- Perform detailed commission ability reviews on design drawings, specifications, and equipment submittals. Identify issues with MEP design.
- Develop commissioning plans, pre-functional checklists, and functional tests.
- Perform site walks. Identify design, construction, sequence deficiencies and document via project Issues Log.
- Witness onsite start-up of HVAC, control, electrical, plumbing, and lighting control systems.
- Perform onsite verification of commissioning Pre-Functional Checklists.
- Generate comprehensive punch lists, commissioning plans/reports and documentation.
- Lead execution of onsite commissioning Functional Performance Testing (FPT).
- Troubleshooting of HVAC, controls, electrical and plumbing systems.
- Analyze BAS Controls trends. Identify issues with systems in automatic control.
- Develop commissioning final report and systems manual.

Review balance reports, start-up reports, contractor O&M manuals, and BAS Controls point-to-point and Performance Verification Testing (PVT) submittals.

Job Requirements:

- Five (5) years' experience in the design, construction and start-up/Commissioning of HVAC, controls, electrical, plumbing, and lighting control for commercial buildings.
- Bachelor of Science degree in Mechanical Engineering is a plus.
- Commissioning certification (NEBB, AGC, BCxA) is a plus.
- Proficiency with Building Management Systems.
- Knowledge of building energy codes, as well as energy standards.
- Familiarity with LEED or Title 24 green building design practices.
- Knowledge or exposure to the commissioning process from a global perspective.
- Knowledge of ASHRAE, ACG, and NEBB commissioning requirements.
- Knowledge of BMS and controls systems, HVAC systems, electrical, power generation, plumbing, fire alarm/life safety, lighting controls, and testing, adjusting, and balancing (TAB).

- Possess excellent verbal and written communication skills as well as interpersonal skills. **Desire and capability to lead others in the commissioning process.**
- Demonstrates the ability to communicate ideas and concepts in both written and oral form.
- Be fully capable of working as a third party to design teams to assist in meeting the project goals in a team-focused environment.
- Efficient in Microsoft Word and Excel.
- Possess excellent organizational skills. Capable of working on multiple activities/projects at a time.
- Possess an excellent work ethic and be efficient in job duties.
- Willing to travel for project meetings, site visits, start-up witnessing, and functional testing when necessary.
- Willing to work extra hours above 40 hours a week when necessary to meet project deadlines and client demands.

Conditions of Employment

- Ability to successfully pass a criminal background check.
- Ability to successfully pass pre-employment drug screen.

Integra Testing Services is proud to be an equal opportunity employer M/F/V/D