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# Commissioning Engineer
# Job Description

Building Commissioning is a quality-oriented process applied to building construction and renovation. Originally, Commissioning was confined to a building's mechanical and control systems and focused on "end-of-construction" testing and verification. Now, however, Commissioning has grown to include more building systems and to extend its involvement from before the design phase to the end of warranty. Commissioning providers communicate with all project team members involved (architects, design engineers, contractors, and operators), in order to ensure that they meet or exceed the owner's expectations. As the industry continues to progress toward environmentally sustainable construction practices, Commissioning professionals have an even more important role in helping to make ideas a reality.

Mid-Level Commissioning Engineers work under the direct supervision of Commissioning Project Managers to provide support for the following tasks:

- Take full ownership of specific, complex tasks within large projects, and in some cases of complete projects, including identifying new opportunities for our services.
- Direct and supervise the work of Commissioning Technicians
- Review the owner's project requirements, design documents, and equipment submittals
- Develop Commissioning plans and specifications, installation check-sheets, and functional test procedures
- Conduct Commissioning meetings with engineers and installation contractors
- Perform installation verification of equipment during construction
- Verify point-to-point testing and control system device calibration above ceilings and in mechanical spaces, often requiring ladder use or work from aerial work platforms.
- Execute functional tests
- Communicate and coordinate activities among various disciplines and professionals
- Write Commissioning reports.

**Desired Qualifications**:

*Education*

- BS Degree in engineering (Mechanical, Electrical, Chemical, or Civil preferred)
- Associates degree in engineering would be considered with applicable experience
- Bachelor's degree in science would be considered with applicable experience

*Professional Certification(s) - in addition to or in place of one of the degrees listed above*

- NEBB or AABC Certified TAB Technician
- NEBB Certified Professional a plus
- AABC Certified Test & Balance Engineer a plus
- ACG, NEBB, or BCxA Certified Commissioning Authority, or ability to attain this credential within 2 years, a plus

*Experience*

- 3-5 years proven, exceptional performance as a TAB technician or engineer in an HVAC-related field
- Experience in electrical commissioning a plus