



# Commissioning Provider Certification Specification

Commissioning providers require a unique combination of engineering, design fundamentals and building operations knowledge including: energy systems design, installation and operation, commissioning planning and process management, hands-on field experience with energy systems performance, interaction, start-up, balancing, testing, troubleshooting, operation, and maintenance procedures and energy systems automation control knowledge.

Commissioning Provider Certification is one indicator of a commissioning provider's proficiency. There are a number of organizations offering commissioning provider certification – each with varying requirements for education; professional experience; demonstrated mastery of commissioning fundamentals through experience and commissioning coursework.

The CCC recommends the following **minimum requirements** for commissioning provider certification requirements. Certifications that meet the thresholds described below will provide reasonable assurance of a provider's ability to successfully perform standard commissioning services.

Education	Professional Experience	Cx Experience	Cx Coursework and Testing
Professional engineer, architect or building contractor license	3 years' facilities operations/management, construction, design or consulting experience	2 major or 4 smaller new construction or rehab projects or equivalent existing building projects, including letters of reference	Cx coursework recommended Exam; minimum score 70%
Bachelor's degree in engineering, architecture or related field	6 years' facilities operations/management, construction, design or consulting experience	2 major or 4 smaller new construction or rehab projects or equivalent existing building projects, including letters of reference	Cx coursework recommended Exam; minimum score 70%
Associate's degree or technical diploma in building design, construction, construction management, facility operation, or a related field	7 years' facilities operations/management, construction, design or consulting experience	2 major or 4 smaller new construction or rehab projects or equivalent existing building projects, including letters of reference	Cx coursework recommended Exam; minimum score 70%
High school education or construction-related trades training or building operations training from a nationally or internationally recognized trade association	10 years' facilities operations/management, construction, design, or consulting experience	2 major or 4 smaller new construction or rehab projects or equivalent existing building projects, including letters of reference	Cx coursework recommended Exam; minimum score 70%

**Note:** Many highly experienced and skilled Cx leads are not certified, though their education and experience may match or exceed the levels required by various certification options. Certified or not, education, professional experience, and examples of past work are key indicators of an individuals' commissioning skills and ability and their appropriateness for a particular commissioning project.