



Monitoring for Proper Installation

The CBECxP is an individual who assures the proper installation of materials, components, assemblies, and systems to meet the objectives and requirements of the owner defined in the contract documents. Candidates must have the knowledge and skills to serve as the technical and administrative director of the building enclosure commissioning process, beginning with the documentation of the Owners Project Requirements during predesign and extending through the design, bidding, and negotiations, construction, and occupancy and operations phases of the project.

Objectivity and Commitment

Each CBECxP agrees to abide by the IIBEC Code of Ethics, the CBECxP Appropriate Use Agreement, and the provisions of the CBECxP Certification Scheme. Specifically, CBECxPs pledge to be truthful about their professional qualifications and performance, and they agree to provide unprejudiced and unbiased judgment and they conduct when performing all professional services.

The Industry Standard

IIBEC is committed to making the CBECxP the industry standard. We are pursuing accreditation under ISO/IEC 17024:2012 with the ANSI National Accreditation Board (ANAB) for this certification, which is based on the following standards:

- **ASTM E2813**, *Standard Practice for Building Enclosure Commissioning*
- **ASTM E2947**, *Standard Guide for Building Enclosure Commissioning*
- **ASHRAE 202**, *Commissioning Process for Buildings and Systems*
- **ISO 21105-1**, *Performance of Buildings – Building Enclosure Thermal Performance Verification and Commissioning – Part 1: General Requirements*
- **ISO 21105-2**, *Performance of Buildings – Building Enclosure Thermal Performance Verification and Commissioning – Part 2: Building Enclosure Assembly(s)*
- **CSA Z320**, *Building Commissioning*





Prequalification

Applicants must have at least four years of building enclosure commissioning experience. Verification of one's education and/or work experience is done using a point system. A minimum of 100 points is required and is based on one of the following: (1) work experience only; (2) experience and education; (3) experience, education and professional credentials.

Seventy hours of continuing education are required through attendance at a minimum of three programs within building commissioning, building enclosure consulting, and/or building construction sciences industries are needed for application approval.

Examination Process

The examination may include all phases of the building enclosure commissioning process (predesign, design, bidding and negotiation, construction, and occupancy and operations). In order to receive a passing score on the examination, the candidate must be thoroughly familiar with a broad spectrum of principles related to building enclosure commissioning. The examination is up to three hours in length and consists of 100 multiple-choice questions (of which ten (10) items are unscored and not incorporated into the candidate's final score) that will test knowledge in the following areas: building and materials science; procurement and project delivery; contract documents and construction administration; and performance test standards and methodology. Approved applications have a two-year window to complete the exam; and once the application has expired, reapplication will be required.



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