



HandZ Solutions

*Powering Tomorrow,
Today: Innovate, Illuminate, Energize*

Certified Building Commissioning Professional

An Industry Recognized Certification for Energy Professionals

Who are Certified Building Commissioning Professionals?

- Do you lead, plan, coordinate or manage the building systems commissioning processes in new and existing buildings on behalf of building owners?
- Are you an energy professional, with technical, management and communication skills, that undertakes building commissioning services to federally funded projects?
- Are you a consultant that specializes in the energy efficiency of building systems, identifies upgrades or ensures optimization for their ongoing needs?

Building commissioning professionals ensure that new building systems are designed, installed, tested, and capable of being operated and maintained according to the owner's intent, requirements, and operational needs. They lead, plan, coordinate and document the commissioning process on buildings such as hospitals, data centers, airports, university campuses, schools, office blocks. They interact with commissioning teams and field personnel such as contractors, vendors, testing agencies, and auditors. They may also manage renovations, upgrades, and tune-up of systems to restore existing buildings to high productivity and improved efficiency.



What does the Certified Building Commissioning Professional (CBCP®) Certification Program offer?

This program helps educate and qualify individuals involved in commissioning equipment and systems in buildings and facilities. By obtaining the CBCP certification, candidates gain industry and peer recognition by demonstrating their understanding of commissioning principles, practices, and technologies. The program raises the professional standards, both technical and ethical, of those engaged in energy efficiency and energy management.

What is the bottom line for me or my company?

Gaining a wide-reaching and industry-recognized certification is always a personal and financial investment. Individuals report career improvements in the form of salary and responsibility increases. The certification shows individuals hold a fundamental understanding of the profession and a commitment to the highest standards of quality. Companies, organizations, and consultants with a CBCP on-staff often see a higher affinity with their customers because CBCPs understand their customer's requirements and are trusted to report and validate equipment performance and identify and implement energy conservation improvements. Companies with at least one CBCP, and who meet the other eligibility requirements may also apply for the Certified Building Commissioning Firm Certification.

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What functional areas does the CBCP® Certification Program cover?

The certification program requires fundamental knowledge across several core principles and practices specific to commissioning systems in buildings and facilities. This includes new building commissioning and retro-commissioning and total building commissioning. It also covers key topics on LEED, industry guidelines, and technologies.

How do I become eligible for AEE's CBCP® certification?

Every certification program offered by AEE is defined by strict standards to ensure the program maintains its industry-wide recognition and credibility. To that end, AEE stipulates three criteria that all CBCP candidates must meet. First, applicants must have relevant experience or educational credentials (see below). Second, candidates must undergo a defined training program that aligns with the fundamental knowledge base of the program, and the principles and practices of the industry as a whole. Third, candidates must pass the associated exam to demonstrate their technical knowledge, proficiency, and abilities in the area of energy efficiency.

Experience & Education

Applicants must meet one of the following eligibility criteria:

- Hold a related* bachelor's degree OR Professional Engineer (PE) OR Registered Architect (RA) and 3+ years related* work experience.
- Hold a 4-year unrelated Bachelor's degree and 5+ years related* work experience.
- Hold a 2-year associate degree and 5+ years related* work experience.
- Have 10+ years related* work experience
- Be a current Certified Energy Manager (CEM®).

*Related degree in science, engineering, architecture, business, law, finance, or related field and related experience in energy, building or facility management, or measurement and verification.

Who recognizes or accredits the CBCP® program?

The Certified Building Commissioning Professional program (CBCP) is accredited by many city and state governments and organizations, such as the cities of New York, Atlanta, San Francisco and Ontario, and the state of California. CBCP is also recognized by the US Naval Facilities Engineering Command as an acceptable Commissioning Specialist credential. Visit the AEE website for a complete list of organizations that recognize the certification.

Why would I want to take a training program when I believe I already have the knowledge and experience required to pass an exam?

A CBCP training program provides more value than only preparing individuals to take the associated exam. It brings all candidates to a base level of understanding across a wide variety of building commissioning topics.

For those entrenched in their normal daily activities, attending a training program, held away from the office, in a classroom environment can be a catalyst for improvement and change. For many, the chance to network, connect, and learn from other like-minded individuals is incredibly valuable.

I obtained my CBCP® Certification, where do I go next?

The CBCP certification can help define your status as an energy professional and help progress your career. Once complete, make sure you maintain your account and keep track of your certification on aeecenter.org. You can also keep up to date on energy management practices and technologies by joining your local AEE Chapter. Energy professionals continuously tell us that they stay ahead in the industry by getting involved in their local community.

Contact US

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Which companies and industries value the Certified Building Commissioning Professional (CBCP®) certification?

You can find CBCPs across markets and industry sectors, from utilities, ESCOs, major multi-national corporations, power companies, respected controls contractors, and manufacturers, to federal, state, and local governments, military, universities, and school boards. Many of these organizations require a CBCP certification as a condition of hiring or a requirement for advancement. Government organizations request the certification within "Requests for Proposals." The following list is a sample of companies across a wide range of industries that have demonstrated they value Certified Building and Commissioning Professionals.

- 360 Energy Group LLC
- 3M
- A.I.A. Environnement
- AKF Group LLC
- Alliance Energy Partners Inc.
- ALTO EKO
- Ameresco Inc.
- Aramark Engineering Solutions
- Arcadis
- AVELTYS
- B2Q Associates
- BALA Consulting Engineers
- Benchmark Group Inc.
- BES Design-Build LLC
- Bes-Tech Inc.
- Boston Properties
- Bright Power Inc.
- Building Energy Efficiency (Bee®)
- Burns & McDonnell
- Canadian Nuclear Laboratories
- Caribbean Building Cx and Energy Services Ltd.
- CBRE Limited
- CH2M Hill
- CLEARresult
- Commissioning Agents Inc
- Commissioning WorCx
- Complete Commissioning Inc.
- ConEdison Solutions Company
- Constellation Energy
- DBR Engineering Consultants
- DCAS City of New York
- Defence Construction Canada
- Dubai Airports
- Duke Energy
- E-ENERGY
- E3 Entegral Solutions Inc.
- Edison Energy LLC
- Eneractive Solutions
- Engie
- Etihad ESCO
- Federal Reserve Bank
- Fire Department of New York
- Four Seasons Environmental
- Florida Power and Light Co
- Genesis Engineers Inc.
- Gov. of Canada - PSPC
- Green Building Hawaii
- H2M Architects + Engineers
- Hartsfield Jackson Atlanta International Airport
- Healthy Buildings
- Honeywell International
- Hong Kong District Cooling Company Ltd
- IES Commercial Inc.
- Impact Energy Services Inc.
- Jacobs Engineering Group
- JLL/Commissioning & Building Analytics
- Johns Hopkins Hospital
- Johnson Controls Inc.
- KKR Capstone
- Leidos
- Lockheed Martin
- Loring Consulting Engineers Inc.
- Los Angeles Unified School District
- MANEXI
- Marine Corps Air Station Yuma
- Maritime Mechanical LLC
- MIT Lincoln Laboratory
- New York City Transit Authority
- National Grid
- Naval Facilities Command
- New York City Dept. of Education, Parks & Recreation and Human Resources Administration
- New York Power Authority
- NORESKO Sustainability Services
- Northeastern University
- Oak Point Associates
- Pacific Northwest National Laboratory
- Parsons Corporation
- PEPCO Energy Services
- Princeton University
- Public Services and Procurement Canada
- Raytheon Missile Systems
- Resilient Buildings Group Inc.
- Sain Engineering Associates Inc.
- Salas O'Brien Engineers Inc.
- San Diego State University
- Schneider Electric Energy & Sustainability Services
- Seattle City Light
- Siemens Building Technologies
- Smithsonian Institution
- Stantec Consulting Services
- Sustainable Investment Group
- TAS Energy Inc.
- Texas Health Resources
- Toronto Catholic District School Board
- Trane Company
- U.S. Army Corps of Engineers
- Unison Energy LLC
- United Nations
- United States Army Corps of Engineers
- United States Department of Defense
- United States Strategic Command
- US Army
- US Department of State
- VB Energy Management
- WB Engineers | Consultants PLLC
- Weber State University
- Willdan Performance Engineering
- WSP

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