




ASSOCIATE COMMISSIONING PROFESSIONAL ACP-EXAM PREP

KRISHNAJI PAWAR, LEED AP BD+C, GSAS CGP, ISO 14001:2015, GCP
COMMISSIONING SPECIALIST CURRICULUM COURSE





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COMMISSIONING BASICS

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LEARNING OBJECTIVES



- What is Commissioning ?
- Purpose of Building Commissioning
- Building Commissioning Association
- Building Commissioning Certification Board
- Associate Commissioning Professional - ACP



What is Commissioning ?

Purpose of Building Commissioning

Building Commissioning Association

**Building Commissioning
Certification Board**

Associate Commissioning Professional - ACP



WHAT IS COMMISSIONING



Commissioning is: "The Commissioning Process is a quality-oriented process for achieving, verifying, and documenting that the performance of facilities, systems, and assemblies meets defined objectives and criteria."

-----ASHRAE Guideline 0

"...a systematic, documented, and collaborative process including inspection, testing, and training."

"...a quality assurance procedure applied to building construction throughout the entire project..."

PURPOSE OF BUILDING COMMISSIONING



" The basic purpose of building commissioning is to provide a quality based process with documented confirmation that building systems are planned, designed, installed, tested, operated and maintained in compliance with the Owner's Project Requirements (OPR)."

Commissioning of existing systems may require the development of new functional criteria in order to address the owner's current systems performance requirements."

The commissioning process ideally begins at project inception (predesign phase) and continues in phase-specific functions through facility and system operation.

It is not a design or construction function, but it assists in and verifies that the results of these functions can produce a facility and systems that meets the requirements for performance.

Depending upon the Owner's needs, these might include; functionality, efficiency, sustainability, environmental and health impacts, interior occupancy conditions, resilience, and others that will maximize facility and system profitability for the Owner and the occupants.

HISTORY OF BCXA & BCCB



The Building Commissioning Association (BCA) established the BCCB as a committee to oversee the process of creating a commissioning certification that would demonstrate a candidate's proficiency through education, experience, and a rigorous written examination. " The basic purpose of building commissioning is to provide a quality based process with documented confirmation that building systems are planned, designed, installed, tested, operated and maintained in compliance with the Owner's Project Requirements (OPR)."

On June 15, 2004 The Building Commissioning Certification Board was officially incorporated in the state of Washington as a nonprofit organization, immediately and officially separated from the BCA as required by ISO 17024. In May of 2004 the BCCB rolled out its first CCP exam.

Our sister organization, the Building Commissioning Certification Board, offers three levels of certification for commissioning professionals and firms. Certification is available to BCxA members at a discounted rate and confers a wide range of benefits to support your professional growth and success.

CERTIFICATION



The Associate Commissioning Professional (ACP) can be a stepping stone to Cx Providers starting their journey in this profession.

Professional Recognition – This is the proof – the CCP designation sets you apart as someone with the commitment, dedication, and knowledge to succeed.

WHY BECOME AN ACP?



Once they study for, take and pass the ACP test, they can use their proven knowledge to commission projects, using the profession's best practices, until they are able to qualify for the CCP

Attaining the ACP demonstrates:

- You have gained the knowledge and technical application of the new construction commissioning process by an independent organization
- Your focus on professional growth and development
- Enhanced professional credibility
- Increased job opportunities

WHY PURSUE A CCP DESIGNATION?



The CCP designation is recognized world-wide in the building commissioning industry and has been accredited by the American National Standards Institute (ANSI) based on the International Standard ANSI/ISO/IEC 17024:2012.

Attaining a CCP certification has many benefits for building commissioning professionals, including

- Verification of your expertise by an independent organization
- CCP is an ANSI Accredited Program
- CCP is the first certification recognized under the Better Building Workforce Guidelines
- Professional growth and development
- Enhanced professional credibility and Great job opportunities

ELIGIBILITY REQUIREMENTS



Professional Education	Project Experience
Licensed Architect or Professional Engineer	1 year building industry-experience**
Bachelor's Degree in the building sciences*	2 years building industry-experience**
Associate/Technical/Vocational 2-year degree, non-building related Bachelors of Science Degree, or equivalent military training/service	3 years building industry experience** or 2 full years in providing building commissioning.
High School Diploma or GED	7 years building industry experience** with at least 5 of those years spent working in building commissioning.

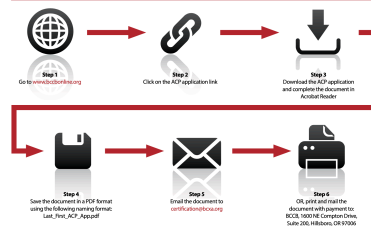
*Building science education is defined as mechanical engineering, electrical engineering, construction science, construction management, architecture and other majors/fields of study designed to train people for careers in the building industry.
 **Building industry experience is defined as design, construction, testing and commissioning, code enforcement and operations.

APPLYING FOR ACP CREDENTIAL



The ACP application is available online to download. It is an interactive document designed to be downloaded and completed on the applicant's computer and submitted online

THE APPLICATION PROCESS



BEYOND
SMART CITIES

THANK YOU

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