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COMMISSIONING SPECIALIST
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COMMISSIONING PROFESSIONAL
CCP OVERVIEW
ONLINE TRAINING BY KRISHNAJI PAWAR
LEED AP(BD+C),GSAS CGP,GCP,ISO 14001
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MODULE 5

Professional Certification in Building Commissioning

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COMMISSIONING PROFESSIONAL

CCP OVERVIEW

Certifications are essential for work market commissioning experts and managers since they demonstrate experience, increase earnings, and establish trust in the business. They also exhibit a commitment to providing high-quality service and being up to date on new technologies.

Learning Objectives

- Course Overview and Introduction
- Definition and History of Building Commissioning
- Why is building commissioning needed?
- Building Commissioning Process Overview
- Professional Certification in Commissioning
- Cost and benefits of building commissioning
- Summary and Resources
- CCP Sample Exam Question

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INTRODUCTION

- Equips engineers with knowledge and skills for correct commissioning of technical systems.
- Responsibilities include testing, troubleshooting, and confirming system functionality.
- Covers topics like safety protocols, electrical theory, system design principles, troubleshooting techniques, and system installation procedures.
- Provides guidance on documenting results and generating performance metric reports.
- Requires thorough review of credentials, experience, and industry regulations.

COMMISSIONING TEAM ROLE IN CONSTRUCTION

- The commissioning team comprises various stakeholders during the construction process.
- Each project has a commissioning provider who manages and plans all commissioning activities.
- The team includes a Cx provider, client representative, architect, MEP designers, and contractors.
- The commissioning organization is adapted according to the complexity and quality expectations of the project.





COMMISSIONING TEAM ROLE IN CONSTRUCTION +



- Other stakeholders like green building consultants and manufacturers of critical components may also participate.
- The commissioning provider can be the client's, designer's, or contractor's representative or an independent third party company.
- The best approach depends on the complexity, type, and size of the project.
- For projects seeking LEED certification, the independent third party Cx provider is mandatory.

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COMMISSIONING PROVIDER SKILLS REQUIREMENT

- Maintains unbiased problem-solving and conflict resolution approach.
- Knowledge of HVAC systems, including design, control strategies, installation, operations, and maintenance.
- Experience in HVAC controls, including current technology.
- Practical background in field construction.
- Ability to organize specific activities into a coherent commissioning plan.
- Good communication skills, documentation proficiency.
- Experience in working with multidisciplinary teams.
- Familiarity with testing and balancing.



BCXA'S CCP CERTIFICATION PROGRAM

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THIS ANSI-ACCREDITED CERTIFICATION IS FOR COMMISSIONING PROVIDERS WHO LEAD, PLAN, COORDINATE, AND MANAGE COMMISSIONING TEAMS TO IMPLEMENT COMMISSIONING PROCESSES IN NEW AND EXISTING BUILDINGS.





WHY PURSUE A CCP DESIGNATION?



- Professional Recognition: CCP designation signifies commitment, dedication, and knowledge in the building commissioning industry. Accredited by ANSI National Accreditation Board (ANAB) based on ANAB/ISO/IEC 17024:2012.
- Competitive Advantage: CCP certification keeps you updated in the evolving world of building commissioning.
- First commissioning certification recognized under the Better Buildings Workforce Guidelines Program.
- More local, state, and national codes adopting language including third-party accredited certified commissioning providers. Washington State was the first to adopt such language.

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CCP CERTIFICATION BENEFITS FOR BUILDING COMMISSIONING PROFESSIONALS



- Independent expertise verification.
- ANAB Accredited Program.
- First recognized under Better Building Workforce Guidelines.
- Professional growth and development.
- Enhanced professional credibility.
- Great job opportunities.

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CERTIFIED COMMISSIONING PROFESSIONAL

- The BCCB provides an objective and balanced certification awarding service. We adhere to transparent procedures based on ISO/IEC 17024:2012, which contains built-in checks to ensure the objectivity of certification activities.

https://bccbonline.org/ccp/



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CCP Certification Benefits for Building Commissioning Professionals

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Benefits of the Certified Commissioning Professional (CCP) Exam Question Bank.

- Assessment of knowledge before final exam.
- Access to over 820+ questions in 7 mock exams.
- Understanding reasoning behind each question and answer.
- Simulation exams cover CCP Exam Knowledge Domains.
- Familiarization with building commissioning and terminology.
- High chances of passing exam on first attempt.
- Direct contact with course provider for further explanations.
- CCP Exam Flash Cards: Over 108+ key terms.
- CCP_Engineering and HVAC design Equations.



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We develop a global community of experts in sustainability, energy audit and management, commissioning, climate change, carbon accounting, and GHG emission management who practice to the highest standards.



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BCXA'S CCP EXAM QUESTION BANK

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