

**BEYOND**  
SMART CITIES



$$a^2 + b^2 = c^2$$

*wel come to*

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$$S(A) + \int_x \frac{d'Q}{T_c} \leq S(B) \quad \chi_{n+1} = a\chi_n(1 - \chi_n) \quad = H_x \psi(\dots)$$



**B E Y O N D**  
S M A R T C I T I E S

**COMMISSIONING CERTIFIED TECHNICIAN**

**CXCT OVERVIEW**

**ONLINE TRAINING BY KRISHNAJI PAWAR**

LEED AP(BD+C), GSAS CGP, GCP, ISO 14001

**KNOWLEDGE IS POWER**

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# BEYOND

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MODULE

8

## Summary and Resources

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# Learning Objectives

- Course Overview and Introduction
- Definition & History of Commissioning
- Why is building commissioning needed?
- Basics of field TAB verification, HVAC systems, and controls
- CP roles, responsibilities, and professional qualifications
- Cost and benefits of System Commissioning
- Working knowledge of procedural standards
- Summary and Resources
- CxCT Exam Sample Question

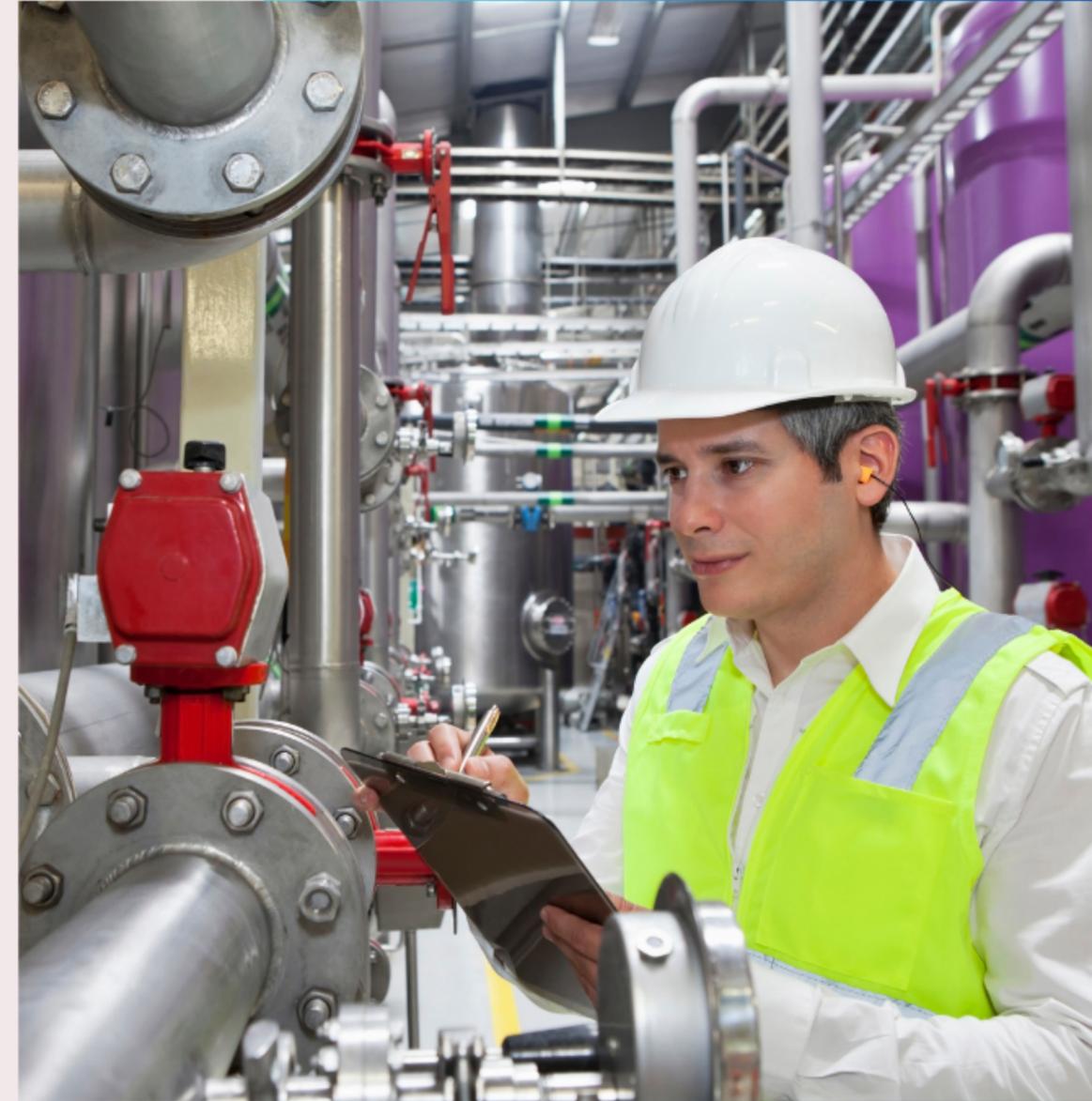


## INTRODUCTION

- The Commissioning Certified Technician (CxCT) Overview training program aims to equip participants with the necessary information and materials for effective commissioning.
- A CxCT is a professional who can access, test, and evaluate building systems for technical commissioning.
- CxCTs demonstrate their knowledge by meeting pre-requisite requirements, self-directed study, passing the CxCT exam, and upholding their certification through continuing education.
- The CxCT credential demonstrates their expertise in the systematic process of commissioning, which guarantees the design, installation, testing, operation, and maintenance of a facility's systems and components.

# SUMMARY +

- The CXCT is vital in contemporary construction and facility management due to the complexity and integration of building systems.
- Key responsibilities of a CXCT include executing commissioning plans, verifying and documenting building system functionality, and coordinating and resolving problems.
- The course offers a comprehensive exposition of the commissioning process, including its historical background, significance, certification requirements, financial implications, advantages, and sample examination questions.



# RESOURCES

- <https://www.ashrae.org/professional-development/ashrae-certification/certification-types/bcxp-building-commissioning-professional-certification>
- <https://beyon-smartcities.in/category/energy-efficiency-commissioning>
- <https://www.bcxa.org/resources/>
- [Building Commissioning Professional - BCxP Exam Question Bank](#)
- [Building Commissioning Professional - BCxP Exam Prep](#)
- <https://www.nebb.org/individuals/individual-certification/>
- <https://www.usgbc.org>





# WELCOME TO BEYOND SMART CITIES

Our purpose is to create a sustainable future by offering high-performance, value-added solutions to environmental, mobility, and digital concerns, with the goal of benefiting both current and future generations by restoring community value.

“Any fool can make things bigger, more complex, and more violent. It takes a touch of genius – and a lot of courage – to move in the opposite direction.”  
- Albert Einstein



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# THANK YOU





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