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S M A R T C I T I E S

COMMISSIONING CERTIFIED TECHNICIAN

CXCT OVERVIEW

ONLINE TRAINING BY KRISHNAJI PAWAR

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KNOWLEDGE IS POWER

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MODULE

7

Working Knowledge of Procedural Standards

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COMMISSIONING CERTIFIED TECHNICIAN - CXCT OVERVIEW

A working knowledge of NEBB procedures and processes is indispensable for professionals in the building performance field. It encompasses a thorough understanding of terminology, meticulous adherence to sequential steps, and a commitment to industry standards. By applying these principles, technicians can ensure efficient, safe, and compliant operations within HVAC systems and building infrastructures.

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

Understanding NEBB Procedures and Processes

- Procedural standards are guidelines for specific tasks in an organization or industry.
- NEBB, a nationally recognized organization, has established procedures for testing, adjusting, and balancing (TAB) of HVAC systems and building enclosure performance.

Role of NEBB

- NEBB promotes the quality and performance of building systems.
- Procedures include HVAC TAB, Building Enclosure Testing, Cleanroom Performance, and Sound and Vibration Testing.
- A working knowledge of these standards is crucial for ensuring compliance, safety, and efficacy in building operations.

UNDERSTANDING NEBB PROCEDURES AND PROCESSES

- Understanding NEBB procedures requires familiarization with terminology, step-by-step instructions, and reference to industry standards.
- The process includes initial assessment, data collection, adjustments, verification, and documentation.



Practical Application of NEBB Procedures

- The example of HVAC system balancing illustrates the importance of understanding NEBB procedures.
- Compliance with NEBB procedures is crucial for maintaining quality and ensuring safety

JOBSITE SAFETY AND PERSONAL PROTECTIVE EQUIPMENT (PPE) TRAINING

Introduction to Jobsite Safety

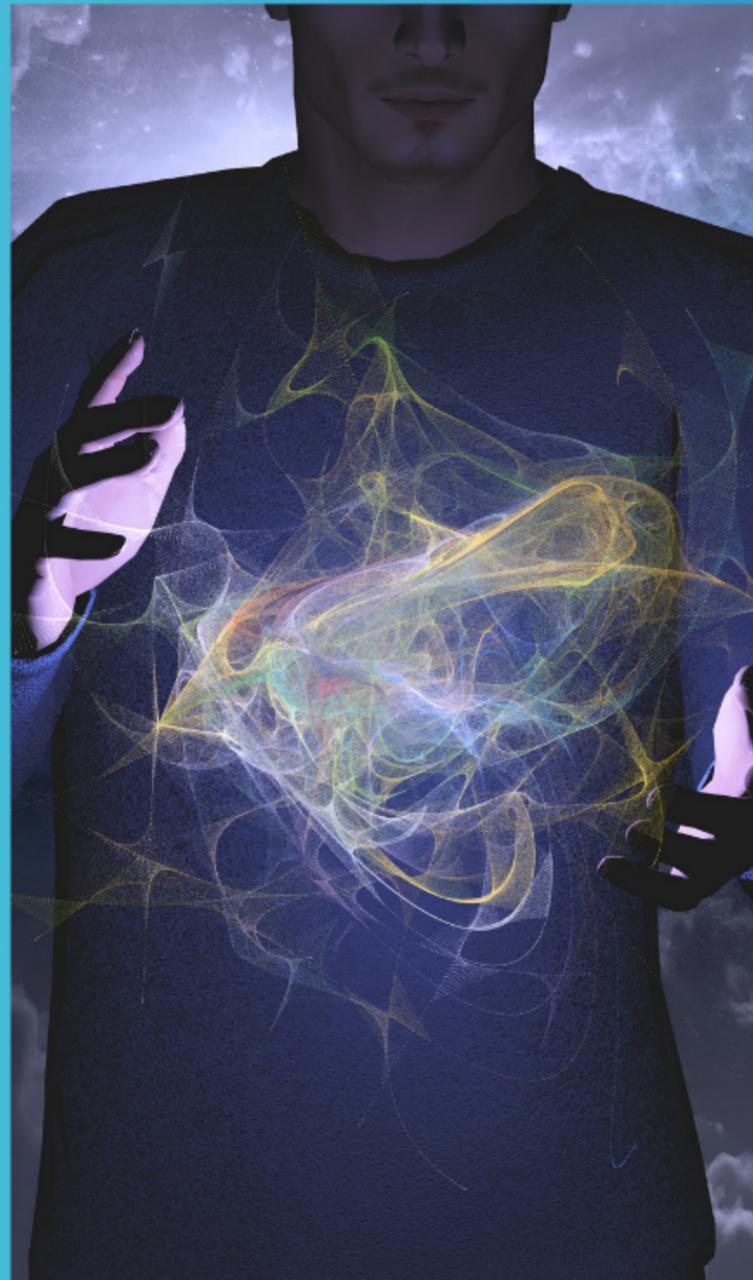
- Job-site safety is crucial in construction or maintenance operations.
- Comprehensive training on safety protocols and the appropriate use of PPE are essential.

Basic Safety Questions

- Recognizing potential hazards on the jobsite is key to risk mitigation.
- Different tasks require different types of PPE.
- Regular inspection and maintenance of PPE are essential.
- Familiarity with emergency protocols is crucial.
- Workers must know how to report unsafe conditions or accidents.



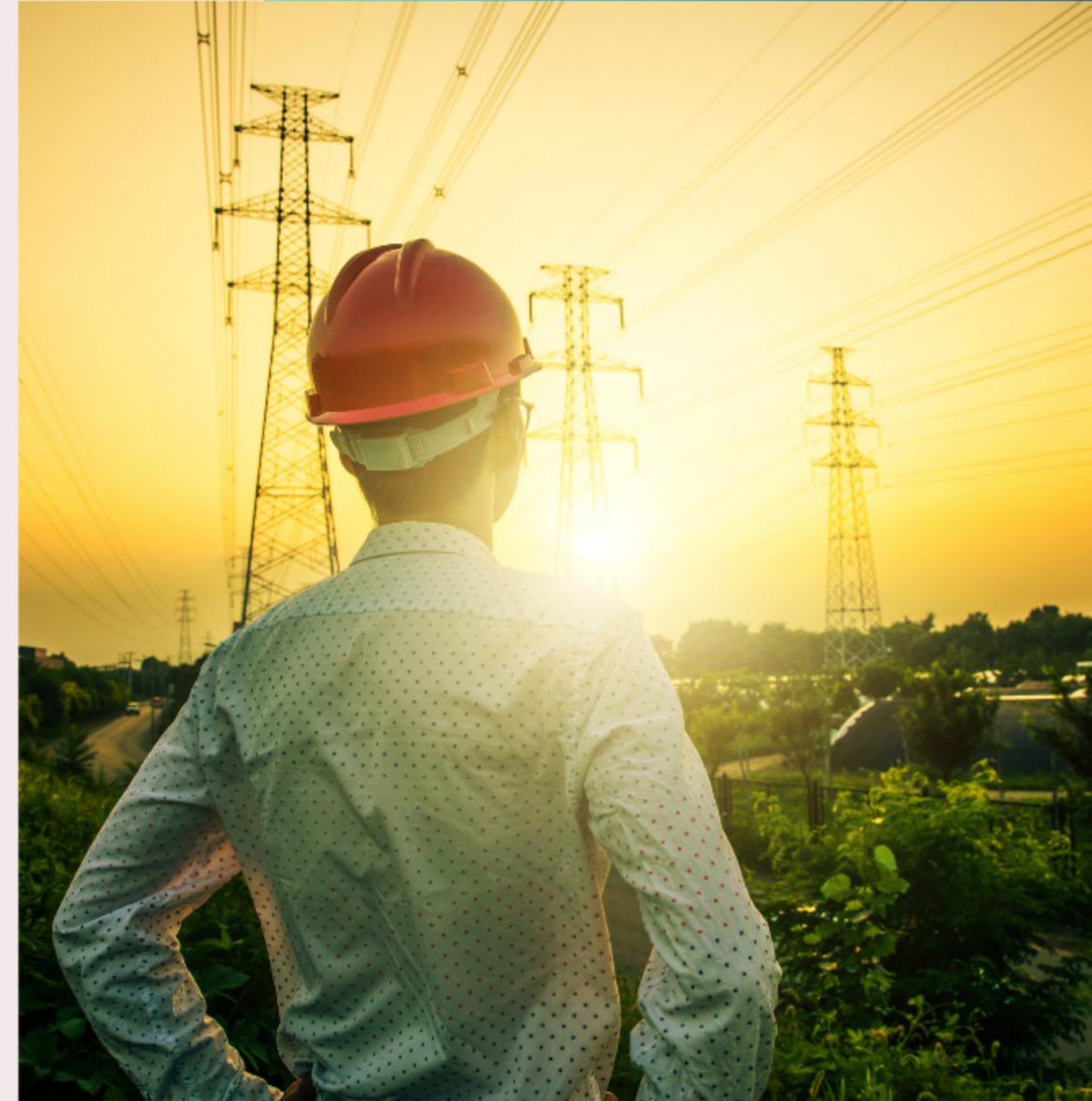
APPLICATION OF PROFESSIONAL CONDUCT



- Effective communication is essential.
- Respect and courtesy are key to fostering a culture of mutual appreciation.
- Conflict resolution is crucial in any professional setting.
- Accountability and integrity enhance trustworthiness.
- Collaboration is crucial in achieving common goals.

WORKING KNOWLEDGE OF PROCEDURAL STANDARDS

- Understanding NEBB Procedures and Processes is essential for professionals in building systems and environmental services.
- Professionals must read and interpret NEBB guidelines, implement procedures, provide accurate documentation, and continuously improve.
- Ongoing training and certification in NEBB procedures ensures familiarity with evolving standards and technologies.





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THANK YOU

