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# COMMISSIONING CERTIFIED TECHNICIAN

## CXCT REFRESHER

ONLINE TRAINING BY KRISHNAJI PAWAR

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

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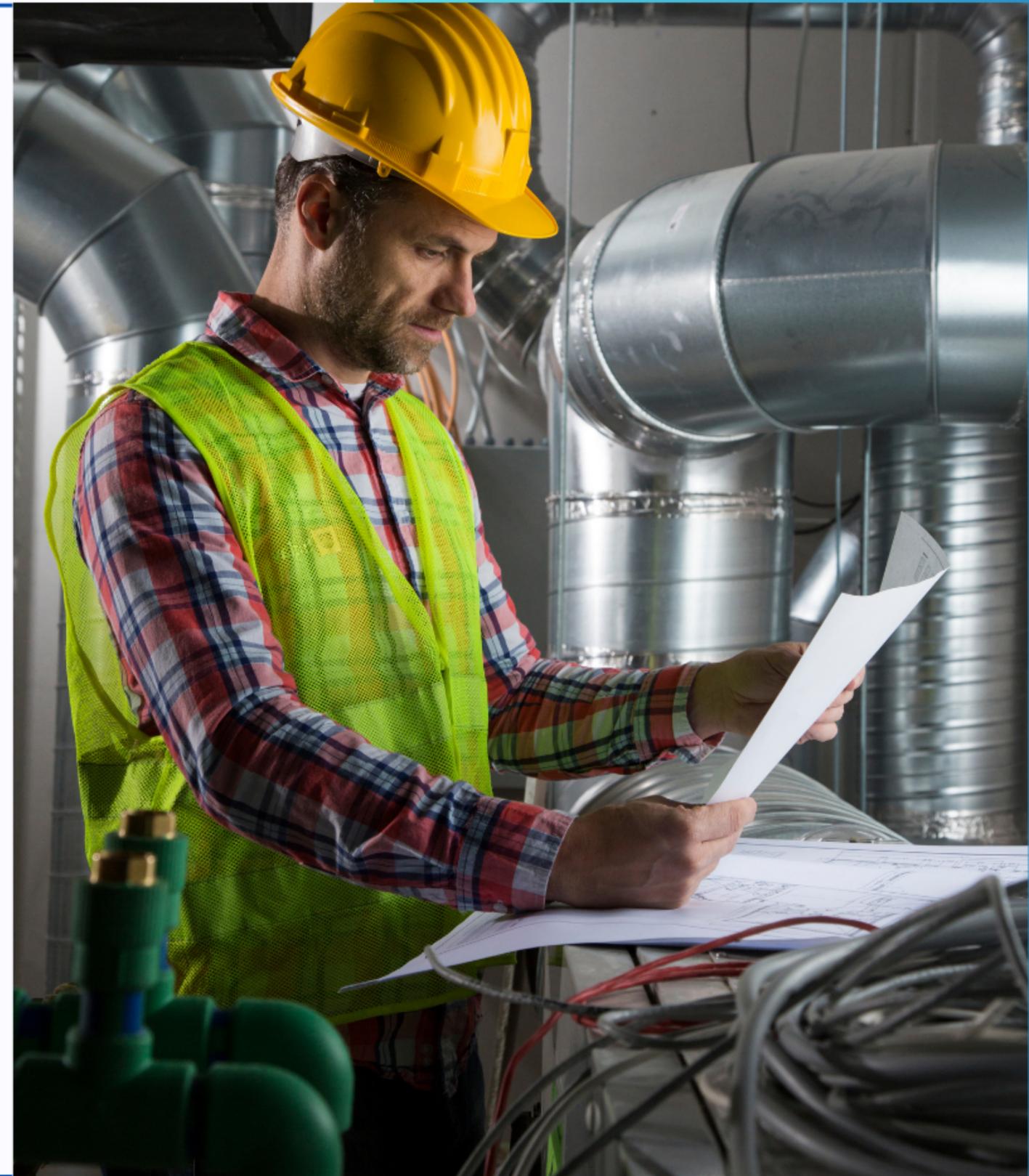
MODULE  
**4L2**

# Trained on Jobsite Safety and PPE

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Jobsite safety is a crucial aspect of occupational health and safety management, aimed at preventing workplace injuries and illnesses. Personal Protective Equipment (PPE) plays a pivotal role in minimizing exposure to various hazards. PPE is the last line of defense in the hierarchy of controls, prioritizing hazard elimination, substitution, engineering controls, and administrative controls before resorting to PPE.

# Learning Objectives

- Course Overview and Introduction
- CCxT's Technical, Communication, and Commissioning Skills - Working knowledge of Procedural Standards
- HVAC Systems - Why is CxA of buildings necessary?
- Basics of field TAB , HVAC systems - Trained on jobsite safety and PPE
- CxT Responsibilities by Phase
- Pre-function tests include sheet checking and installation tests.
- Point-to-point calibrate MEP and sensor systems.
- Verify TAB pre-functional tests and CxT responsibilities



## INTRODUCTION

### Understanding Jobsite Safety

- Jobsite safety involves practices and regulations to protect workers from hazards in their work environment.
- Hazards can be physical, chemical, biological, ergonomic, and psychosocial.
- Each hazard requires specific strategies to mitigate risks, including the implementation of safety protocols and the provision of appropriate PPE.

# THE ROLE OF PERSONAL PROTECTIVE EQUIPMENT (PPE)



- PPE is the last line of defense in the hierarchy of controls, prioritizing hazard elimination, substitution, engineering controls, and administrative controls before resorting to PPE.
- PPE categories include: Head Protection: Hard hats, Eye and Face Protection: Safety glasses and face shields, Hearing Protection: Earplugs and earmuffs, Respiratory Protection: Masks and respirators, Hand Protection: Gloves made from various materials, Foot Protection: Steel-toed boots.

# BASIC SAFETY QUESTIONS

Understanding potential hazards in the work area, PPE requirements for tasks, proper usage and maintenance of PPE, emergency procedures in case of an accident, and reporting unsafe conditions or near misses.





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