

wel come to
BEYOND SMART CITIES



BEYOND

SMARTCITIES

CERTIFIED COMMISSIONING TECHNICIAN

CXT REFRESHER

ONLINE TRAINING BY KRISHNAJI PAWAR

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

KNOWLEDGE IS POWER

LEARN.BEYONDSMARTCITIES.IN

BEYOND
SMART CITIES

MODULE
5L4

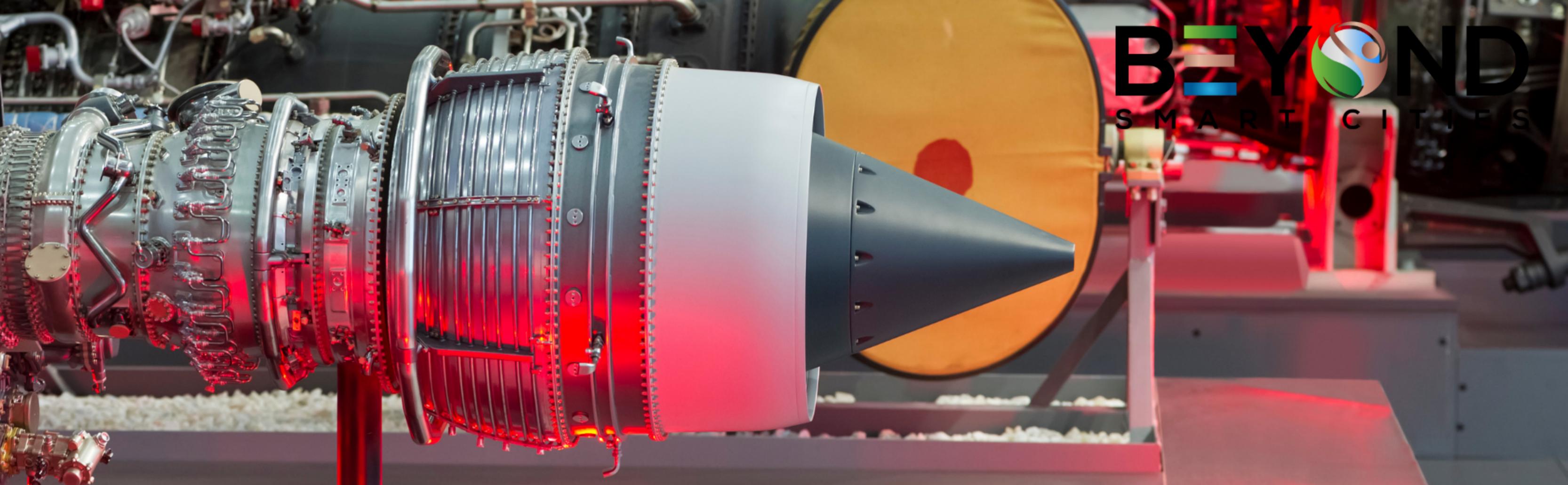
CxT Responsibilities by Phase Post-Acceptance

KRISHNAJI PAWAR - CEO & FOUNDER

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

WWW.BEYONDSMARTCITIES.IN





CERTIFIED COMMISSIONING TECHNICIAN CXT REFRESHER

The Commissioning Technician (CxT) plays a crucial role in the post-acceptance phase of a building project, ensuring that all systems and equipment operate optimally and meet the needs of the owner and occupants. This phase involves implementing off-season mode Functional Performance Tests (FPTs) to evaluate systems under conditions that deviate from peak operational scenarios, such as extreme weather events.

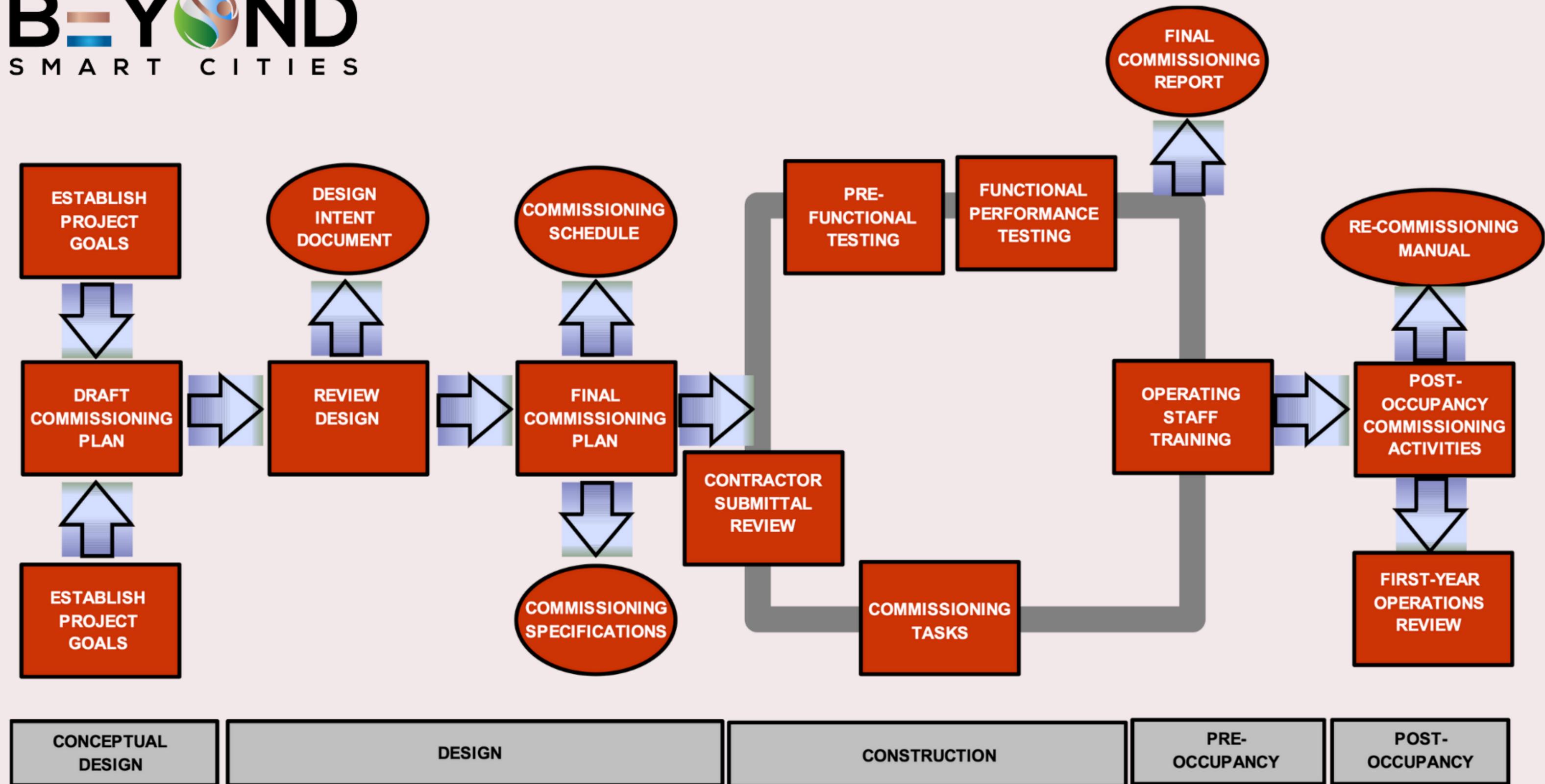
Learning Objectives

- Course Overview and Introduction
- CxT's Technical, Communication, and Commissioning Skills
- HVAC Systems - Why is CxA of buildings necessary?
- Basics of field TAB , HVAC systems - Trained on jobsite safety and PPE
- CxT Responsibilities - Post Acceptance
- 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

- Implementation of Off-Season Mode Functional Performance Tests (FPTs): The CxT conducts these tests to evaluate systems under conditions deviating from peak operational scenarios. The Commissioning Authority (CxA) and the CxT collaborate to replicate the initial FPTs, documenting any necessary adjustments or recalibrations.
- Generation of FPT Summaries and SPQC Reports: The CxT generates FPT summaries and SPQC reports upon completion of the FPTs, providing a comprehensive overview of test results, system performance, and any anomalies observed during testing.
- Monitoring Warranty Issues: The CxT tracks and promptly addresses any reported problems with systems and equipment that may arise during the warranty period.



POST-ACCEPTANCE PHASE RESPONSIBILITIES OF A COMMISSIONING TECHNICIAN +

- 11th Month Walk-Through: This comprehensive review involves a detailed tour of the facility with the owner, select occupants, and maintenance personnel.
- Evaluation of Project Goals: The CxT may also evaluate energy performance metrics, review utility costs, and monitor indoor air quality.



POST-ACCEPTANCE PHASE RESPONSIBILITIES ++

The responsibilities of a Commissioning Technician during the post-acceptance phase are multifaceted and critical for the successful operation of a building.





CONTACT US



+91 6363032722



info@beyondsmartcities.in



learn.beyondsmartcities.in



#55,HMR Layout ,Bengaluru ,India



THANK YOU

