

Solutions Through Commissioning

Services Include:

- Existing Building Commissioning (EBCx)
- New Building Commissioning (Cx)
- Monitoring Based Commissioning (MBCx)
- HVAC System Installation Inspection
- Pre-Functional and Functional Performance Testing
- Control System Point-to-Point Verification and Calibration
- Troubleshooting and Diagnostic Services of HVAC Systems
- Testing, Adjusting, Balancing (TAB)
- As Found Testing (air & water flows, temp, R/H, pressure, CO₂, CO, air particulate count, lighting level)
- As Found Testing (motor kW, pf, voltage, amperage)
- Boiler combustion efficiency testing
- Chiller efficiency testing (kW/ton)
- Data Logging (temp, R/H, pressure, CO₂, CO, amperage, kW)
- Energy Audits (ASHRAE Level 1, 2, 3)
- Project Development/Management Support
- Building Condition Assessments
- M&V Design and Support (pre & post retrofit)
- Building Envelope/Enclosure Testing
- Thermal Infrared Imaging Testing/Analysis
- Indoor Air Quality (IAQ) Investigations
- Technical Training



➤ EBCx Services evolved from over four decades of experience working in the following specialty industries:

- Mechanical Contracting
- Mechanical Service
- Testing, Adjusting and Balancing (TAB)
- Building Automation Systems (BAS)
- Energy Services
- Commissioning Services



➤ Experienced in the total approach of “Making Buildings Operate Comfortably, Safely and Energy Efficiently”

- Investigate and analyze problems and systems through multiple lenses:
 - Commissioning Professional...encompasses a total “*holistic*” approach of **Making Buildings Work**
 - TAB (setup equipment & systems with proper flows for efficient and safe operation)
 - Controls (identify control sequences for efficient and safe operation)
 - Engineering (identify possible design issues)
 - Contractor (identify possible installation issues)
 - Service tech (identify maintenance/operational issues)
 - Energy Engineer (identify opportunities to reduce energy waste)
 - IAQ Investigator (identify possible causes and solutions to IAQ issues)



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