



STATEMENT FOR COMMISSIONING IN PLANS FORM

BACKGROUND

The City of Houston Commercial Energy Conservation Codes require projects larger than 50, 000 square feet of conditioned area to have details for commissioning provided in the construction documents for the mechanical systems and building envelope.

COMMISSIONING

“The commissioning process is a quality-oriented process for achieving, verifying, and documenting that the performance of facilities, systems, and assemblies meets defined objectives and criteria. The commissioning process assumes that owners, programmers, designer, contractors, commissioning team members, and operation and maintenance entities are fully accountable for the quality of their work. The Commissioning Team uses methods and tools to verify that the project is achieving the Owner’s Project Requirements throughout the delivery of the project.” (Source: NIBS Guideline Series)

CODE

Building Envelope Commissioning (Section 5.9 ASHRAE/Section 502.6 IECC) For projects larger than 50, 000 ft² conditioned area, except heated only warehouses and semi-heated spaces, detailed instructions for commissioning building envelope systems (see Appendix E) shall be provided by the designer in plans and specifications.

HVAC Commissioning (Section 6.7.2.5 ASHRAE/Section 503.2.9.5 IECC) HVAC control systems shall be tested to ensure that control elements are calibrated, adjusted, and in proper working condition. For projects larger than 50, 000 ft² conditioned area, except warehouses and semi-heated spaces, detailed instructions for commissioning HVAC systems (see Appendix E) shall be provided by the designer in plans and specifications.

CRITERIA

The following is a summary of items that are included in the scope of typical commissioning activities for the purposes of this code:

Building Envelope

- Walls
- Floors
- Roofs
- Doors
- Fenestration
- Insulation
- Leakage

HVAC

- Air Distribution Systems
- Cooling Mechanisms
- Heating Mechanisms
- Equipment
- Devices
- Sensors

STATEMENT

BUILDING ENVELOPE

“As defined in the Houston Commercial Energy Conservation Codes, details have been specified for the commissioning of the Building Envelope system according to the referenced standards in the codes.

PRINTED NAME OF DESIGN PROFESSIONAL _____

SIGNATURE OF DESIGN PROFESSIONAL _____

DATE _____

[SEAL]

HVAC

“As defined in the Houston Commercial Energy Conservation Codes, details have been specified for the commissioning of the HVAC system according to the referenced standards in the codes.

PRINTED NAME OF DESIGN PROFESSIONAL _____

SIGNATURE OF DESIGN PROFESSIONAL _____

DATE _____

[SEAL]