

SECTION 15940 - SEQUENCE OF OPERATION

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes control sequences for HVAC systems, subsystems, and equipment.

1.3 DEFINITIONS

- A. DDC: Direct digital control.
- B. VAV: Variable air volume.

1.4 TERMINAL UNIT OPERATING SEQUENCE

- A. VAV, Terminal Air Units with Hydronic Coils:

- 1. Room Temperature:

- a. Input Device: Electronic temperature sensor.
- b. Output Device: Electronic damper actuators and control-valve operators.
- c. Action: Modulate damper and valve to maintain temperature.

- 1)
 - 1) Sequence damper from full open to minimum position, then valve from closed to fully open.

- 2. Display:

- a. Room/area served.
- b. Room temperature indication.
- c. Room temperature set point.
- d. Air-damper position as percent open.
- e. Control-valve position as percent open.

PART 2 - PRODUCTS (Not Applicable)

PART 3 - EXECUTION (Not Applicable)

END OF SECTION 15940