

SECTION 26 05 26

GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS

PART 1 - GENERAL

1.1 SECTION INCLUDES

- A. Feeder and branch circuit wiring grounding.
- B. Electrical equipment and raceway grounding and bonding.
- C. Telecommunications system grounding.

1.2 RELATED SECTIONS

- A. Section 26 05 19 – Low-Voltage Electrical Power Conductors.

1.3 REFERENCES

- A. NFPA 70 - National Electrical Code.

1.4 REGULATORY REQUIREMENTS

- A. Conform to requirements of NFPA 70.

1.5 FEEDER AND BRANCH CIRCUIT GROUNDING DESCRIPTION

- A. All feeders and branch circuits shall include a separate insulated (green) grounding conductor.

1.6 TELECOMMUNICATIONS SYSTEM GROUNDING DESCRIPTION

- A. The telecommunications service termination board shall include a separate ground conductor connected to the main service ground system.
- B. All network racks shall include a separate ground conductor connected to the system ground at the telecommunications service termination board.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Feeder and Branch Circuit Ground Conductors: Insulated conductors per Section 26 05 19.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Install all ground system components in conformance with Article 250 of NFPA 70.
- B. Inspect grounding and bonding system conductors and connections for tightness and proper installation.

END OF SECTION 25 05 26