

SECTION 26 05 26
GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS

PART 1 – GENERAL

1.1 WORK INCLUDED

- A. Conditions of the Contract and Division One apply to all work of this Section.
- B. Contractor shall provide all materials, labor, and the means and methods to complete the installation defined by the plans and these specifications.

1.2 GROUNDING AND BONDING

- A. Grounding and Bonding: Grounding and bonding shall be installed as required by the applicable codes, rules, and regulations, and as follows:
 - 1. All raceway systems, supports, and utilization apparatus shall be permanently and effectively grounded.
 - 2. Where the raceway is used as the grounding conductor, good contact shall be made between conduit or tubing and panels, cabinets, outlet boxes and equipment, lighting fixtures, etc., to maintain continuity of ground. Where it is not possible to obtain good contact, additional bonding shall be provided. Supplemental bonding shall be provided between raceway and enclosure and at conduit knockouts and at reducing washers.
 - 3. All non-metallic power, control, signal, and other raceways, exclusive of public telephone and data communications, shall contain a code size copper conductor, green insulated, properly bonded to equipment at each end, and to metallic portions of the same raceway.
 - 4. Provide bonding jumper around flexible metallic conduit. Bonding jumper shall be inside flex.
 - 5. Raceway size shall be increased if necessary to accommodate bonding or grounding conductors and shall be based on raceway fill tables.

END OF SECTION