

**1.10****INSTALLATION:**

- A. All equipment shall be installed in a neat and workmanlike manner and in accordance with recognized good practice for a first class installation.
- B. The Engineer or his representative shall have the authority to reject any workmanship not complying with the contract documents.
- C. The Electrical Contractor shall personally or through an authorized licensed and competent electrician, constantly supervise the work from beginning to complete and final inspection.
- D. Electrical equipment shall be installed in accordance with manufacturer's recommendations.
- E. Locations of proposed raceway, riser, location of structural elements, location and size of chases method and type of construction of floors, walls, partitions, etc., shall be verified before construction starts.

**1.11****MATERIALS:**

- A. Drawings indicating proposed layout of space, all equipment to be installed therein and clearance between equipment shall be submitted, where substitution of materials alter space requirements on the drawings.
- B. Material Standards: All materials shall be new and shall conform to the standards where such have been established for the particular material in question. Publications and Standards of the organization listed below are applicable to materials specified herein.
  - 1. American Society for Testing and Materials (ASTM)
  - 2. Underwriter's Laboratories, Inc. (UL)
  - 3. National Electrical Manufacturer Association (NEMA)
  - 4. Insulated Cable Engineers Association (ICEA)
  - 5. Institute of Electrical and Electronic Engineers (IEEE)
  - 6. National Fire Protection Association (NFPA)
  - 7. American National Standards Institute (ANSI)
- C. Material of the same type shall be the product of one manufacturer.
- D. Materials not readily available from local sources shall be ordered immediately upon approval.
- E. The Engineer shall have authority to reject any materials, or equipment, not complying with these specifications and have the Contractor replace materials so rejected immediately upon notification of rejection.