

SECTION 16220

CONSTRUCTION REVIEWS INSPECTION AND TESTING

1.01 GENERAL

- A. Comply with Division 1 - General Requirements.

1.02 CONSTRUCTION REVIEWS

- A. The Engineer or his representative shall observe and review the installation of all electrical systems shown on the drawings and as specified herein.
- B. Before covering or concealing any conduit below grade or slab, in wall or above ceiling, the contractor shall notify the Engineer so that he can review the installation.

1.03 CONTRACTOR'S FINAL INSPECTION

- A. At the time of the Contractor's final inspection, all systems shall be checked and tested for proper installation and operation by the Contractor in the presence of the Engineer or his representative.
- B. The Contractor shall furnish the personnel, tools and equipment required to inspect and test all systems.
- C. Following is a list of items that the contractor must demonstrate to the Engineer or his representative as complying with the plans and specifications. Please note that this list does not necessarily represent all items to be covered in the final inspection, but should give the Contractor an idea of what is to be reviewed.
 - 1. Service ground, show connection to ground rod and cold water main.
 - 2. Demonstrate that all equipment is properly bonded.
 - 3. Demonstrate that equipment have breakers as specified, ground bar, copper bus, typed directory for circuit identification and that they are free of trash.
 - 4. Demonstrate that Emergency Generator System is in proper working order, meeting all requirements outlined in specifications.

END OF SECTION 16220