

26 10 00 Medium Voltage Electrical Distribution

Revision 09/23/2015

Purpose:

The Architect and/or Engineer shall incorporate the Rice specific requirements indicated in this standard's section into their design. The Architect and/or Engineer shall further produce project specifications in line with industry standards that are updated to reflect these Rice specific requirements.

1. General Requirements

- a. Conductor material to be copper. Aluminum conductor will not be allowed.
- b. In general, 133% insulation will be required. Cable type is to be single conductor.
- c. In general, certified factory testing for cables will be required, except testing may not be required for small quantities of cabling. The quantity of cabling that will require factory testing should be coordinated with Rice Project Manager.
- d. Cable shall be installed in concrete-encased duct or in aluminum conduit in tunnel system.
- e. Installation in manholes shall not encroach upon access into the manhole. Final installation of cables inside of the manholes must allow free access of personnel into the manholes.
- f. Testing of the final cable installation will be required. Testing company shall be approved by Rice Project Manager.