

1. DESIGN STANDARD:
 - 1.1 Standard for Rice University to be written around Okonite EPR shielded copper cable. Southwire, Kerite and other know domestic manufacturers are acceptable.
2. PRODUCT STANDARD:
 - 2.1 Conductor material to be Copper. Aluminum conductor will not be allowed.
 - 2.2 In general, 133% insulation will be required. Cable type is to be single conductor.
 - 2.3 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 University's Project Manager. .
 - 2.4 Cable to be installed in concrete-encased duct or in Aluminum conduit in tunnel system. Cable not to be direct bury type.
3. PERFORMANCE STANDARD:
 - 3.1 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.
 - 3.2 Cable terminations and splices shall be performed by a qualified installer approved by Rice University. Dacon is one such approved installer.
 - 3.3 Testing of the final cable installation will be required. Testing company shall be approved by Rice University.