

## CABLE TESTING

### INSULATION RESISTANCE TESTS

#### PAPER INSULATED CABLES

#### NOTES CONCERNING THIS ADDENDUM

This addendum supplements Section G50. 205. 1 and is being issued to provide information and instructions on meggering cable in which resin plugs are to be constructed.

The following paragraphs should be marked "See Addendum" and treated as indicated.

Paragraphs 1. 06, 1. 07, 1. 08 Added.

#### 1. GENERAL

1. 06 The insulation resistance drops sharply when resin mixture is injected into a cable when constructing resin plugs, and it is several months before the insulation resistance will measure to the requirements specified in Paragraph 3. 01 of Section G50. 205. 1; consequently the insulation resistance completion tests should be completed before the resin plugs are constructed.

Note: The insulation resistance is not affected to a degree which would interfere with subscriber service nor with voice-frequency toll or carrier transmission.

1. 07 When it is necessary to construct resin plugs before cable completion tests are made by the Cable Testing Department, insulation resistance test should be made on trunk, toll and video (paper-insulated conductors) cables as instructed in Paragraph 4. 07, Section G50. 205. 1, by the splicing forces, and the readings with the notation "resin plugs installed," shall be forwarded to the Chief Cable Tester by the Splicing Foreman with the "Ready for Testing" notice.

1.08 On completion of testing by the Cable Tester, of a cable containing resin plugs, the Cable Tester should make the notation on Form T-715 that "resin plugs have been constructed in the cable," and submit the cable for service, providing that the insulation resistance test made by the splicing people showed that the insulation resistance of the cable was satisfactory before the plugs were placed.