

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

ADDENDUM G10.212.4
Issue B, July, 1959
TPT&TCo
L. A. Area

TESTING MANHOLE ATMOSPHERE

HOT WIRE INDICATORS

Notes Concerning This Addendum

This addendum supplements Section G10.212.4 with additional instructions covering the operation of hot wire indicators.

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

- Paragraph 2.02 - Added
- Paragraph 3.04 - Supplemented
- Paragraph 3.05 - Supplemented
- Paragraph 3.06 - Supplemented
- Paragraph 4.01 - Supplemented

2. PRECAUTIONS

- 2.02 If it is suspected that fluid gasoline is in the manhole proceed as outlined in Section G10.217.1.

3. TEST PROCEDURE - MANHOLES

3.04 During the actual test, the manhole gases should be constantly circulated through the instrument by operating the aspirator bulb continuously. The bulb should always be held in a vertical position with the hose end up.

3.05 The zero adjustment for the explosimeter, and the voltage and zero adjustments for the vapo- tester, should be made before each test. In making a series of tests the balance adjustment should be checked at three minute intervals during the first ten minutes of testing and every ten minutes thereafter.

3.06 If the needle of the meter moves at all to the right in testing a manhole atmosphere for gasoline vapors, it indicates the presence of such vapors in concentration sufficiently high to be toxic to humans. No one should enter the manhole, even for a short period of time, until the manhole has been ventilated and subsequent tests indicate the absence of any gasoline vapors.

4. CABLE VAULTS

4.01 In some buildings tubes or pipes have been placed between the vault and some location outside the vault to facilitate testing the vault atmosphere.

When such tubes or pipes have been placed, specific instructions indicating the number of tubes and the locations where the tests can be made will be posted on the cable vault door.

NOTE 1: The length of each tube or pipe will be indicated at the various test points. These tubes or pipes shall be considered as an extension of the sampling hose and treated in accordance with operating instructions found in the main section of this practice.

NOTE 2: At locations where there are no instructions on the vault door, the vault shall be tested in accordance with Paragraph 4.01 of the main section.