

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

SECTION G10.213.1
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TESTING MANHOLE ATMOSPHERE

GAS WARNING SIGN

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1. GENERAL

1.01 This section describes the B Gas Warning Sign used to designate those manholes in which special tests must be made of the atmosphere in addition to the routine tests that are made before a manhole is entered.

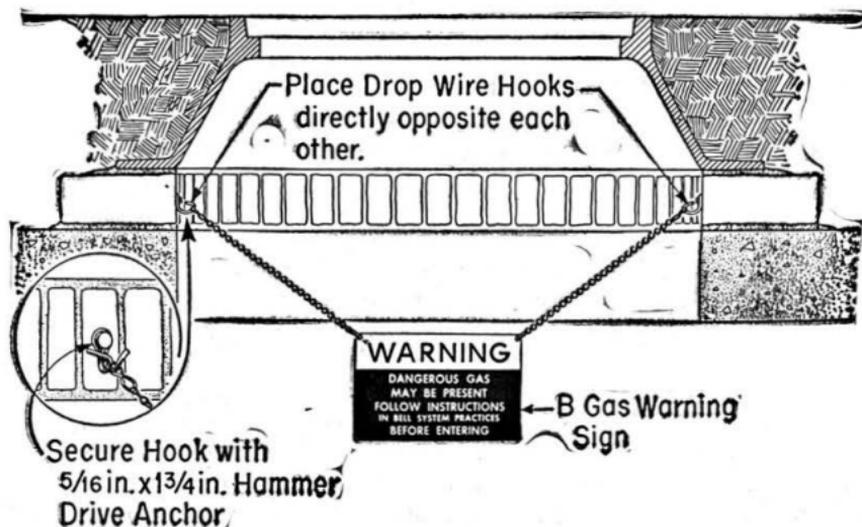
1.02 The sign is installed in the collar of all manholes in which there are any coaxial cables containing sulfur hexafluoride (SF₆) gas or those which surveys indicate are likely to be deficient in oxygen. In these manholes, tests of the atmosphere must include one made with the Suction Gas Indicator.

1.03 The sign is also installed in manholes along the routes of natural gas supply lines in areas where manufactured gas or a mixture of manufactured and natural gas is used for household and industrial purposes. In these manholes, tests of the atmosphere must include one made with a Suction Gas Indicator or a Hot Wire Indicator.

1.04 Manholes displaying the B Gas Warning Sign should first be tested for toxic or combustible gases as covered in other sections; then for deficiency of oxygen using the Suction Gas Indicator.

2. DESCRIPTION

2.01 The B Gas Warning Sign is illustrated in the sketch.



3. INSTALLATION

3.01 Install the sign in the collar of the manhole using two Drop Wire Hooks and two 5/16-inch by 1-3/4-inch Hammer Drive Anchors. Drill the holes for the anchors diametrically opposite each other in the collar two inches below the manhole frame. Then engage the chain hooks in the eyes of the Drop Wire Hooks.