

CABLE TESTING - GENERAL

KS-14103 TEST SET

NOTES CONCERNING THIS ADDENDUM

This addendum supplements Section G50.225.2 with additional information regarding the operation of KS-14103 Test Set, safety precautions to be followed, and instructions for using the sets on loaded exchange and trunk cables.

The cross reference "See Addendum" should be marked in G50.225.2 to indicate the following:

Paragraph 1.09	- Added	
Paragraph 3.05(3)	- Replaced	←
Paragraph 4.02 Note	- Added	
Paragraph 5.01	- Replaced	←
Paragraph 5.02	- Replaced	←

1. GENERAL

1.09 The Breakdown Test Sets may be used on loaded exchange and trunk cables with the following restrictions:

The Test Sets shall not be used on pairs which are loaded with any of the following type loading coils: 508, 584A, 587, 601, 602, and 603. These coils may lose their inductance where currents of the magnitude obtained with the Test Set are caused to flow through them. The Plant Service Center has records available showing the type of coil used in each loaded cable. Obtain information as to the type of loading coil involved from the test deskman before using the set on any loaded cable.

3. PRECAUTIONS

3.05(3) Place a High Voltage Caution Sign at all distribution terminal locations where there is either a working or non-working appearance of the pair being tested. The sign is to warn employees to keep out of the terminal. At pole or strand mounted terminal locations attach the High Voltage Caution Sign to the pole at about the height of the second pole step. At all other distribution terminal locations, temporarily attach the Caution Sign to the front of the terminal in the most feasible manner.

4. TESTING PROCEDURE

4.02 Note: The set shall not be operated in a manhole due to the possibility of an explosion being caused by arcing at the switching contacts inside the set.

5. RESTORING THE CIRCUITS TO NORMAL

5.01 Any circuits working on the pair or pairs should be restored to service.

5.02 After completion of the tests, remove the High Voltage Caution Signs from the terminals where the pairs appeared.