

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

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PRESSURE TESTING TOOLS
PRESSURE GUN

Contents	Page
1. General	1
2. Pressure Gun	1

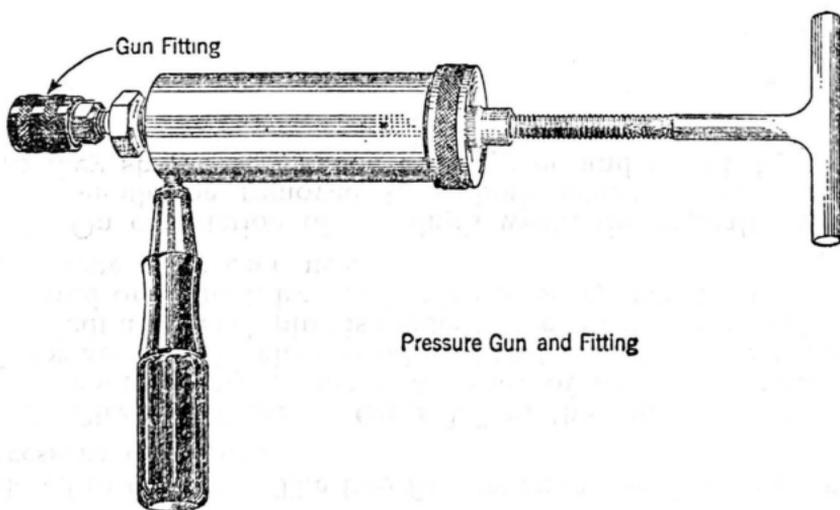
1. GENERAL

1.01 This section describes the pressure gun employed in constructing gas plugs in stubs of distribution terminals and other small diameter cables.

2. PRESSURE GUN

2.01 The pressure gun, illustrated below, consists of a steel cylinder fitted with a screw operated piston. The piston has rings to ensure a pressure tight fit in the cylinder.

2.02 Hot asphalt is poured into the cylinder through a 1-inch threaded hole at the base of the cylinder. Associated with the pressure gun are two fittings for connecting the gun to the cable. One of these fittings is screwed into the base of the cylinder and the other into a small flange which is



Pressure Gun and Fitting

soldered to the cable. The two fittings snap together to provide a pressure tight seal.

2.03 **Cleaning Pressure Gun:** When the gun is being used continuously to make a series of pressure plugs, the cylinder need not be cleaned other than to pour out the remaining asphalt after each plug is made. However, the fittings should be cleared of asphalt, by heating if necessary, and then cleaned in kerosene after each use.

2.04 On completion of the day's work, the asphalt residue should be removed from both cylinder and fittings. Then they should be cleaned in kerosene and wiped dry.