

Tools & Equipment N-42

Line Acceptance Kit

The Line Acceptance Kit, with the exception of an air compressor and test balls, includes all necessary components to properly test sewer lines from manhole to manhole.



LINE ACCEPTANCE KIT

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| PRODUCT NUMBER |
| 61108 |

Line Acceptance Kit Includes:

- Portable Air-Loc® Control Panel
- 50 Ft. Triple Hose Assembly
- 30 Ft. Poly-Lift Line/Inflation Hose
- 10 Ft. Hose (Panel to Compressor)
- Deluxe Test Pump w/Gauge
- Operations/Maintenance Manual

NOTE: Order test plugs and conversion kits from pages N-40 and N-41.

General Operation

Basically, the entire sewer line between two manholes is pressurized with air, (see diagram A). This is done by installing two plugs in the sewer line and inflating them with air. Low pressure air is then introduced into the pipeline between them through one of the plugs (see testing specifications in Section R). The test pressure is monitored for a determined amount of time to detect any pressure loss and if so how fast it occurs. After the test has been completed, the test pressure can be relieved and the plugs removed. (The test pressure must always be relieved first for safety reasons). If the line acceptance test fails, it is possible to accurately pinpoint any leaks using leak location equipment.

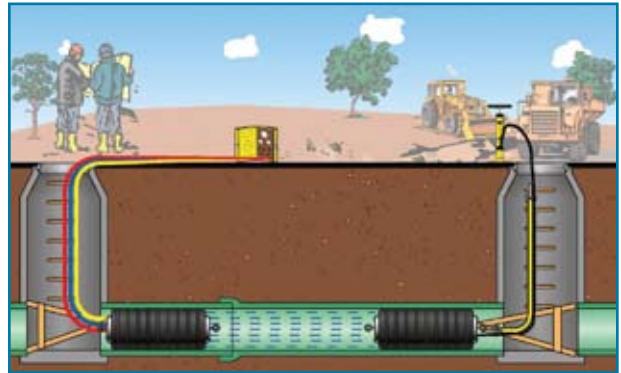


Diagram A

WARNING: Test Balls are designed for low pressure air testing. Test pressures decline as ball diameter increases. Check manufacturer's recommendations before inflating test balls and pipeline.