

Standards for Low-Pressure Air Test

for

All Sanitary Sewer Pipe

PROCEDURE

In accordance with NYS D.E.C. "Technical Information Pamphlet No. 15" dated July 29, 1977, and ASTM Standard "C828-76T" approved August 27, 1976, modified as follows:

1. Test shall be conducted between two (2) consecutive manholes.

NOTE: Manholes shall be tested hydrostatically.

2. Maximum size pipe to be tested shall be 12" diameter.
3. Minimum test time for a 1 PSIG drop in pressure:

Pipe Size Diameter <u>Inches</u>	Time <u>Min: Sec. (2)</u>	Minimum Test <u>Pressure (1)</u>
4	15.24	3.0 PSIG
6	23.06	"
8	30.48	"
10	38.30	"
12	46.12	"

4. Determine the groundwater level above invert of the sewer pipe. Adjust pressure accordingly prior to start of test for the groundwater back pressure.

Note: (1) Pressure above groundwater back pressure (not to exceed 10PSIG)

(2) Correlates to 100 Gal/Day/In/Mile