	GAS PIPELINE UNDERGROUND WARNING TAPE		L-16
	Asset Type: Gas Transmission and Distribution	Function: Design & Construction	
Issued by: S. van Oosten	Original Signed By	Date: 05-01-13	
Rev. #00: This is a new document. For a description of the changes, see Page 2			

Purpose and Scope

This numbered document provides guidelines for purchasing and installing underground warning tape above gas pipelines. The installation of the warning tape applies to all open trench installation of gas pipelines.

Acronyms

References

Document

Design and Construction Requirements Gas Lines and Related Facilities	A-36
Plastic Gas Distribution System Construction and Maintenance	A-93.1
Joint Trench	S5453

General Information

1. A warning tape is to be installed in open trench installation over gas pipelines in both Transmission and Distribution facilities. This includes trenches, bell holes, excavations for repair purposes and riser replacements. The warning tape is intended for excavator digging in the "tolerance zone" to strike the warning tape prior than the pipeline. When the warning tape is exposed and grabbed with excavating equipment, it stretches without breaking, thus alerting the excavator of the gas facility below.
2. Install 6" wide warning tape above the gas pipeline at least 12" below grade, and no closer than 12" from the pipe. Installation should provide the greatest distance between the pipeline and the tape as possible. Install the tape along the length of the excavation. Ensure that the tape overlaps when two or more pieces of tape are used.

EXCEPTION: When a joint trench design does not allow for installment of warning tape within the "warning tape installation zone", install the warning tape a minimum of 6" above the gas pipeline, and below the facility above the pipe.

3. Warning tape shall be brightly colored yellow and marked "Caution: Gas Line Buried Below" or marked with a similar notification.
4. Warning tape shall be stored in such a manner that limits Ultraviolet (UV) exposure.

Gas Pipeline Underground Warning Tape



Figure 1
Gas Pipeline Underground
Warning Tape

Table 1 Material Specification for Figure 1

Description	Dimensions	Material Code
1 Roll (Terra Tape)	6" x 1000'	379947

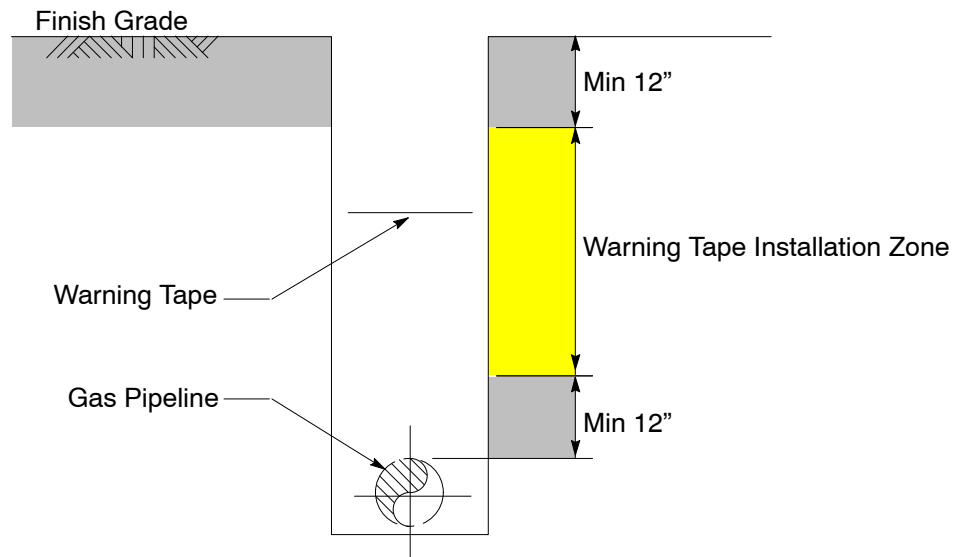


Figure 2
Gas Pipeline Underground Warning
Tape Installation

Revision Notes

Revision 00 has the following changes:

1. This is a new document.
2. This document is part of Change 66.