



Description To establish a patrol program to observe the surface conditions on and adjacent to the pipeline right-of-way of the pipeline system and to check for leaks.

- Regulatory Applicability**
- Regulated Transmission Pipelines
 - Regulated Gathering Pipelines (Type A)
 - Regulated Gathering Pipelines (Type B)
 - Regulated Distribution Pipelines

Frequency **Gas Transmission Lines: Patrols**
The frequency of patrols are determined by the size of the line, the operating pressures, the class location, terrain, weather, and other relevant factors, but intervals between patrols may not exceed:

Class Location	At highway & railroad crossings	At all other places
1 & 2	Twice each calendar year with intervals not exceeding 7 ½ months	Once each calendar year with intervals not exceeding 15 months
3	Four times each calendar year with intervals not exceeding 4 ½ months	Twice each calendar year with intervals not exceeding 7½ months
4	Four times each calendar year with intervals not exceeding 4 ½ months	Four times each calendar year at intervals not exceeding 4½ months



Frequency
(Cont'd)

Gas Distribution Lines: Patrols

The frequency of patrolling mains must be determined by the severity of the conditions which could cause failure or leakage, and the consequent hazards to public safety.

Mains in places or on structures where anticipated physical movement or external loading could cause failure or leakage must be patrolled-

(1) In business districts, at intervals not exceeding 4 ½ months, but at least four times each calendar year; and

(2) Outside business districts, at intervals not exceeding 7 ½ months, but at least twice each calendar year.

Reference

49 CFR 192.703 *General*
49 CFR 192.705 *Transmission Lines: Patrolling*
49 CFR 192.721 *Distribution Systems: Patrolling*

**Forms / Record
Retention**

WTG 1103 *Pipeline Patrol / 5 Years*
F-192.709 *Repair Work Order / Life of Pipeline System*

**Related
Specifications**

None

**OQ Covered
Task**

1311 *Inspect Pipeline Surface Conditions – Patrol Right-of-Way or Easement*

(In order to perform the tasks listed above; personnel must be qualified in accordance with West Texas Gas's Operator Qualification program or directly supervised by a qualified individual.)



Procedure Steps

1. Determine section of pipeline to be patrolled.
2. Identify and document the starting and ending points of each patrol (i.e. GPS coordinates, physical address and location descriptions, etc.)
3. The pipeline patrol may be walked, driven or flown.
4. The pipeline patrol will include but is not limited to the following:
 - a) Line leaks may be detected by sight, smell or the presence of dead vegetation.
 - b) Unusual construction activities such as clearing, grading, excavating, trenching, auguring, boring, etc.
 - c) Buildings or other permanent structures being erected within 660' of the centerline of the pipeline.
 - d) Road and fence construction.
 - e) Impending encroachment of foreign construction activities that could be detrimental to the integrity of WTG facilities.
 - f) Exposed pipe as a result of soil erosion.
 - g) Damaged facilities or missing line markers.
 - h) ROW conditions.
5. Document all findings on Form WTG 1103. Notify District Manager of any conditions that may require immediate attention.
6. In the event of a significant change to the pipeline or a change in population density in the vicinity of a pipe segment, note this in the comments section of the form and notify the WTG Compliance Department.



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