

LEAK DATA

Company: _____

Year: _____

Leak #	Leak Class	Date Notified	Time Notified	Date Classified	Time Classified	Leak Re-Classified	Recheck 6 mo.	Recheck 12 mo.	Recheck 18 mo.	Recheck 24 mo.	Repair Due	Date Repaired	Cause	Pipe Type	Pipe Class	Comments <small>(reason for re-class etc.)</small>	

Cause: 1. Corrosion 2. 3rd Party 3. Outside Force 4. Construction Defect 5. Material Defect 6. Other

Pipe Class: 1. Main 2. Service 3. Yardline

**See other side for
LEAK CLASS
reference**

Pipe Type: 1. Coated Protected 2. Coated Unprotected 3. Bare Protected 4. Bare Unprotected 5. Ductile 6. P.E. 7. P.V.C. 8. Cast Iron 9. Copper 10. Other

LEAK CLASS

192.703 General. [K.A.R. 82-11-4 (bb)]

- (a) No person shall operate a segment of pipeline unless it is maintained in accordance with this subpart.
- (b) Odorometers and leak detection equipment shall be calibrated according to manufacturer's specifications. Leak detection equipment shall be tested monthly with a calibration gas of known hydrocarbon concentration, except if equipment is not used, then testing with calibration gas shall be performed prior to the next use.
- (c) Each segment of pipeline that becomes unsafe shall be replaced, repaired or removed from service within five days of the operator being notified of the existence of the unsafe condition. Minimum requirements for response to each class of leak are as follows:
 - (1) A class 1 leak requires immediate repair or continuous action until the conditions are no longer hazardous. After conditions are no longer hazardous, a class 1 leak shall be replaced, repaired, or removed from service within five days of the operator being notified of its existence.
 - (2) A class 2 leak shall be repaired within six months after detection. Under adverse soil conditions, a class 2 leak shall be monitored weekly to ensure that the leak will not represent a probable hazard and that it reasonably can be expected to remain nonhazardous.
 - (3) A class 3 leak shall be rechecked at least every six months and repaired or replaced within 30 months.
- (d) Each operator shall inspect and classify all reports of gas leaks within two hours of notification.
- (e) Each underground leak shall be classified using the operator's underground leak classification procedure as follows:
 - (1) **A class 1** leak means a leak that represents an existing or probable hazard to persons or property, and requires immediate repair or continuous action until the conditions are no longer hazardous. This class of leak may include the following conditions:
 - (A) Any leak which, in the judgment of operating personnel at the scene, is regarded as an immediate hazard;
 - (B) any leak in which escaping gas has ignited;
 - (C) any indication that gas has migrated into or under a building, or into a tunnel;
 - (D) any percentage reading gas in air at the outside wall of a building, or where gas would likely migrate to an outside wall of a building;
 - (E) any reading of 4% gas in air, or greater, in a confined space;
 - (F) any reading of 4% gas in air, or greater, in a small substructure from which gas would likely migrate to the outside wall of a building; or
 - (G) any leak that can be seen, heard, or felt, and which is in a location that may endanger the general public or property.
 - (2) **A class 2** leak means a leak that is nonhazardous at the time of detection, but justifies scheduled repair based on probable future hazard. This class of leak may include the following conditions:
 - (A) any reading of 2% gas in air, or greater, under a sidewalk in a wall-to-wall paved area that does not qualify as a class 1 leak;
 - (B) any reading of 5% gas in air, or greater, under a street in a wall-to-wall paved area that has significant gas migration and does not qualify as a class 1 leak;
 - (C) any reading less than 4% gas in air in a small substructure from which gas would likely migrate creating a probable future hazard;
 - (D) any reading between 1% gas in air and 4% gas in air in a confined space;
 - (E) any reading on a pipeline operating at 30% SMYS, or greater, in a class 3 or 4 location, which does not qualify as a class 1 leak;
 - (F) any reading of 4% gas in air, or greater, in a gas associated sub structure; or
 - (G) any leak which, in the judgment of operating personnel at the scene, is of significant magnitude to justify scheduled repair.
 - (3) **A class 3** leak means a leak that is nonhazardous at the time of detection and can reasonably be expected to remain nonhazardous. This class of leak may include the following conditions:
 - (A) any reading of less than 4% gas in air in a small gas associated substructure;
 - (B) any reading under a street in areas without wall-to-wall paving where it is unlikely the gas could migrate to the outside wall of a building; or
 - (C) any reading of less than 1% gas in air in a confined space.