

# APPENDIX 1

PSE's Gas Safety Standards Manual  
Section 2625.1300

- 4.2.2.3.2 B(1) = Repair or re-evaluate within 30 days.
- 4.2.2.3.3 B(2) = Repair or re-evaluate within 6 months.
- 4.2.2.4 When assigning repair priority, personnel grading "B" leaks shall be aware of leaks requiring action ahead of ground freezing or other adverse changes in venting conditions and leaks that could potentially migrate to the outside of a building under frozen or other adverse soil conditions.
- 4.2.3 *Grade C* – A leak that is non-hazardous at the time of detection and can reasonably be expected to remain non-hazardous.
  - 4.2.3.1 Repair Priority – Grade C Leaks should be re-evaluated during the next scheduled survey, or within 15 months of the last evaluation, whichever occurs first, until the leak is regraded or no longer results in a reading.
- 4.3 Leak Repair Follow-up Inspections
  - 4.3.1 The adequacy of leak repairs shall be checked by acceptable methods while the excavation is open. The perimeter of the leak area shall be checked with a CGI.
  - 4.3.2 Where there is residual gas in the ground following a leak repair, a follow-up inspection shall be made as soon as practical but in no case later than 30 days following the repair.
- 4.4 Re-evaluation of Leaks
  - 4.4.1 Leaks are to be re-evaluated using the same criteria used to grade leaks when they are first detected and graded.
  - 4.4.2 When performing re-evaluations, consideration shall be given to the effect of environmental conditions, such as ground water and wind, on the ability to accurately detect the presence of leaking or residual gas.
  - 4.4.3 When re-evaluations of a leak do not find any indication of gas, the following procedure shall be performed.
    - 4.4.3.1 If, in the judgement of the person performing the re-evaluation, environmental conditions are affecting the gas reads, the leak shall not be downgraded, and a recheck shall be requested. The environmental conditions that prompted the recheck shall be noted in the comments.
    - 4.4.3.2 If, in the judgement of the person performing the re-evaluation, environmental conditions are not affecting the gas reads, the phantom leak repair code shall be indicated, and a follow-up inspection completed within 30 days. The follow-up inspection shall be performed by a different person. If the follow-up inspection confirms there is no gas, the phantom leak repair code shall be used and no additional monitoring is required.
  - 4.4.4 Grade A and B leaks can only be downgraded once to a Grade C leak without physical repair. After a leak has been downgraded once, the maximum repair time for that leak is 21 months.