

WAC 480-93-005 Definitions. (1) "**Bar hole**" means a hole made in the soil or paving for the specific purpose of testing the subsurface atmosphere with a combustible gas indicator.

(2) "**Building**" means any structure that is normally or occasionally entered by humans for business, residential, or other purposes and where gas could accumulate.

(3) "**Business district**" means an area where the public regularly congregates or where the majority of the buildings on either side of the street are regularly utilized, for financial, commercial, industrial, religious, educational, health, or recreational purposes.

(4) "**C.F.R.**" means the Code of Federal Regulations.

(5) "**Combustible gas indicator**" (**CGI**) means a device capable of detecting and measuring gas concentrations in air.

(6) "**Commission**" means the Washington utilities and transportation commission.

(7) "**Enclosed space**" means any subsurface structure of sufficient size that could accommodate a person and within which gas could accumulate, e.g., vaults, catch basins, and manholes.

(8) "**Emergency notification line**" means 1-888-321-9144.

(9) "**Follow-up inspection**" means an inspection performed after a repair has been completed in order to determine the effectiveness of the repair.

(10) "**Gas**" means natural gas, flammable gas, or gas that is toxic or corrosive.

(11) "**Gas associated substructures**" means those devices or facilities utilized by a gas pipeline company which are not intended for storing, transporting, or distributing gas, such as valve boxes, vaults, test boxes, and vented casing pipe.

(12) "**Gas pipeline**" means all parts of a pipeline facility through which gas moves in transportation(~~(7)~~) including, but not limited to, line pipe, valves, and other appurtenances connected to line pipe, compressor units, metering stations, regulator stations, delivery stations, holders and fabricated assemblies. "Gas pipeline" does not include any pipeline facilities, other than a master meter system, owned by a consumer or consumers of the gas, located exclusively on the consumer or consumers' property, and none of the gas leaves that property through a pipeline.

(13) "**Gas pipeline company**" means a person or entity constructing, owning or operating a gas pipeline for transporting gas. "Gas pipeline company" includes a person or entity owning or operating a master meter system. "Gas pipeline company" does not include excavation contractors or other contractors that contract with a gas pipeline company.

(14) "**High occupancy structure or area**" means a building or an outside area (such as a playground, recreation area, outdoor theater, or other place of public assembly) that is occupied by (~~(twenty)~~) 20 or more persons on at least five days a week for (~~(ten)~~) 10 weeks in any (~~(twelve-month)~~) 12-month period. (The days and weeks need not be consecutive.)

(15) "**Indication**" means a response indicated by a gas detection instrument that has not been verified as a reading.

(16) "**LEL**" means the lower explosive limit of the gas being transported.

(17) "**Line pipe**" or "**pipe**" means a tube, usually cylindrical, through which a hazardous liquid or gas is transported from one point to another.

(18) "**MAOP**" means maximum allowable operating pressure.

(19) "**Master meters system**" means a pipeline system for distributing gas within, but not limited to, a definable area, such as a mobile home park, housing project, or apartment complex, where the operator purchases metered gas from an outside source for resale through a gas distribution pipeline system. The gas distribution pipeline system supplies the ultimate consumer who either purchases the gas directly through a meter or by any other means, such as by rents.

(20) "**Prompt action**" means to dispatch qualified personnel without undue delay.

(21) "**Psig**" means pounds per square inch gauge.

(22) "**Reading**" means a repeatable representation on a combustible gas indicator or equivalent instrument expressed in percent LEL or gas-air ratio.

(23) "**Record(s)**" means any electronic or paper document, map, database, report or drawing created by or kept by a gas pipeline company.

(24) "**Sniff test**" means a qualitative test utilizing both threshold and readily detectable methods for determining proper concentrations of odorant.

(25) "**Transmission line**" means a gas pipeline as defined in 49 C.F.R. § 192.3 on the date specified in WAC 480-93-999.

(26) "**Weak link**" means a device or method used when pulling polyethylene pipe to ensure that damage will not occur to the pipeline by exceeding the maximum tensile stresses allowed.

(27) Other terms that correspond to those used in 49 C.F.R. Parts 191, 192, 193, 196, and 199 (Minimum Federal Safety Standards for Gas Pipelines) must be construed as used therein on the date specified in WAC 480-93-999.

AMENDATORY SECTION (Amending WSR 13-03-098, filed 1/16/13, effective 4/1/13)

WAC 480-93-200 Reporting requirements. (1) Each gas pipeline company must give notice to the commission by telephone using the emergency notification line (see WAC 480-93-005(8)) within two hours of discovering an incident or hazardous condition arising out of its operations that results in:

(a) A fatality or personal injury requiring hospitalization;

(b) Property damage valued at more than ~~((fifty thousand dollars))~~ \$50,000, or as defined in 49 C.F.R. 191.3(1)(ii), whichever is higher;

(c) The evacuation of a building, or a high occupancy structure or area;

(d) The unintentional ignition of gas;

(e) The unscheduled interruption of service furnished by any gas pipeline company to ~~((twenty-five))~~ 25 or more distribution customers;

(f) A pipeline or system pressure exceeding the MAOP plus ~~((ten))~~ 10 percent or the maximum pressure allowed by proximity considerations outlined in WAC 480-93-020; or

(g) A significant occurrence, in the judgment of the gas pipeline company, even though it does not meet the criteria of (a) through (g) of this subsection.

(2) Each gas pipeline company must give notice to the commission by telephone using the emergency notification line (see WAC 480-93-005(8)) within (~~twenty-four~~) 24 hours of each incident or hazardous condition arising out of its operations that results in:

(a) The uncontrolled release of gas for more than two hours;

(b) The taking of a high pressure supply or transmission pipeline or a major distribution supply gas pipeline out of service;

(c) A gas pipeline operating at low pressure dropping below the safe operating conditions of attached appliances and gas equipment; or

(d) A gas pipeline pressure exceeding the MAOP.

(3) Routine or planned maintenance and operational activities of the gas pipeline company that result in operator-controlled plant and equipment shut downs, reduction in system pressures, flaring or venting of gas, and normal leak repairs are not reportable items under this section.

(4) Each gas pipeline company must provide to the commission a written report within (~~thirty~~) 30 days of the initial telephonic report required under subsections (1) and (2) of this section. At a minimum, the written reports must include the following:

(a) Name(s) and address(es) of any person or persons injured or killed, or whose property was damaged;

(b) The extent of such injuries and damage;

(c) A description of the incident or hazardous condition including the date, time, and place, and reason why the incident occurred. If more than one reportable condition arises from a single incident, each must be included in the report;

(d) A description of the gas pipeline involved in the incident or hazardous condition, the system operating pressure at that time, and the MAOP of the facilities involved;

(e) The date and time the gas pipeline company was first notified of the incident;

(f) The date and time the gas pipeline company's first responders arrived on-site;

(g) The date and time the gas pipeline was made safe;

(h) The date, time, and type of any temporary or permanent repair that was made;

(i) The cost of the incident to the gas pipeline company;

(j) Line type;

(k) City and county of incident; and

(l) Any other information deemed necessary by the commission.

(5) Each gas pipeline company must submit a supplemental report if required information becomes available after the (~~thirty-day~~) 30-day report is submitted.

(6) Each gas pipeline company must provide to the commission a copy of each failure analysis report completed or received by the gas pipeline company, concerning any incident or hazardous condition due to construction defects or material failure within five days of completion or receipt of such report.

(7) In the event of damage to a gas pipeline, each gas pipeline company must provide to the commission the following information using either the commission's web-based damage reporting tool or its successor, or the damage reporting form located on the commission's website:

(a) The reporting requirements set forth in RCW 19.122.053 (3) (a) through (n);

(b) If the damage is believed by the company to be the result of an excavation conducted without a facilities locate first being completed, the gas pipeline company must also report the name, address, and phone number of the person or entity that the company has reason to believe may have caused the damage. The company must include this information in the comment section of the web-based damage reporting tool form or send it to the commission separately. If the company chooses to send the information separately, it must include sufficient information to allow the commission to link the name of the party believed to have caused the damage with the damage event reported through the damage reporting tool.

(c) Each gas pipeline company must retain all damage and damage claim records it creates related to damage events, including photographs and documentation supporting the conclusion that a facilities locate was not completed, reported under subsection (b) of this section, for a period of two years and make those records available to the commission upon request.

(8) Each gas pipeline company must provide, to an excavator who damages a gas pipeline facility, the following information set forth in chapter 19.122 RCW:

(a) Notification requirements for excavators under RCW 19.122.050(1);

(b) A description of the excavator's responsibilities for reporting damages under RCW 19.122.053; and

(c) Information concerning the safety committee referenced under RCW 19.122.130, including committee contact information, and the process for filing a complaint with the safety committee.

(9) Each gas pipeline company must report to the commission the details of each instance of the following when the company or its contractor observes or becomes aware of either of these events:

(a) An excavator digs within (~~(thirty-five)~~) 35 feet of a transmission pipeline, as defined by RCW 19.122.020(26) without first obtaining a facilities locate; or

(b) A person intentionally damages or removes marks indicating the location or presence of gas pipeline facilities.

The company must only report information to the extent that an employee or contractor of the company observes or becomes aware of these events.

(10) Each gas pipeline company must file with the commission the following annual reports no later than March 15th for the preceding calendar year:

(a) A copy of every Pipeline and Hazardous Materials Safety Administration (PHMSA) F-7100.1-1 and F-7100.2-1 annual report required by U.S. Department of Transportation, Office of Pipeline Safety.

(b) A report detailing all construction defects and material failures resulting in leakage. Each gas pipeline company must categorize the different types of construction defects and material failures anticipated for their system. The report must include the following:

(i) Types and numbers of construction defects; and

(ii) Types and numbers of material failures.

(11) Each gas pipeline company must file with the commission, and with appropriate officials of all municipalities where gas pipeline companies have facilities, the names, addresses, and telephone numbers of the responsible officials of the gas pipeline company who may be contacted in the event of an emergency. In the event of any changes in such personnel, the gas pipeline company must immediately notify the commission and municipalities.

(12) Each gas pipeline company must send to the commission, by email, daily reports of construction and repair activities. Reports may be faxed only if the gas pipeline company does not have email capability. Reports must be received no later than 10:00 a.m. each day of the scheduled work, and must include both gas pipeline company and contractor construction and repair activities. Report information must be broken down by individual crews and the scheduled work must be listed by address, as much as practical. To the extent possible the reports will only contain construction and repair activity scheduled for that day, but they may include a reasonable allowance for scheduling conflicts or disruptions.

(13) When a gas pipeline company is required to file a copy of a DOT Drug and Alcohol Testing Management Information System (MIS) Data Collection Form with the U.S. Department of Transportation, Office of Pipeline Safety, the gas pipeline company must simultaneously submit a copy of the form to the commission.

AMENDATORY SECTION (Amending WSR 21-13-130, filed 6/22/21, effective 7/23/21)

WAC 480-93-999 Adoption by reference. In this chapter, the commission adopts by reference each of the regulations and/or standards identified below. Each regulation or standard is listed by publication, publisher, scope of what the commission is adopting, effective date of the regulation or standard, the place within the commission's rules the regulation or standard is referenced, and where to obtain the regulation or standard.

(1) Parts 190.221, 190.223, 191, 192, 193, 196, 198, and 199 of Title 49 Code of Federal Regulations, including all appendices and amendments thereto as published by the United States Government Printing Office.

(a) The commission adopts the version of the above regulations that were in effect on (~~January 11~~) December 31, 2021, except the following sections are not adopted by reference: 191.1, 192.1(a), 193.2001(a), 196.1, 198.1, 199.1. In addition, please note that in WAC 480-93-013, the commission includes "new construction" in the definition of "covered task," as defined in 49 C.F.R. Sec. 192.801 (b)(2).

(b) This publication is referenced in WAC 480-93-005 (Definitions), WAC 480-93-015 (Odorization of gas), WAC 480-93-018 (Records), WAC 480-93-080 (Welder and plastic joiner identification and qualification), WAC 480-93-100 (Valves), WAC 480-93-110 (Corrosion control), WAC 480-93-124 (Pipeline markers), WAC 480-93-160 (Reporting requirements of proposed construction), WAC 480-93-170 (Tests and reports for gas pipelines), WAC 480-93-180 (Plans and procedures), WAC 480-93-223 (Civil penalty for violation of chapter 81.88 RCW and commission gas safety rules), and WAC 480-93-18601 (Leak classification and action criteria—Grade—Definition—Priority of leak repair).

(c) Copies of Title 49 Code of Federal Regulations are available from the U.S. Government Online Bookstore, <https://bookstore.gpo.gov/>. It is also available for inspection at the commission.

(2) Section IX of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code.

(a) The commission adopts the 2007 edition, July 1, 2007, of Section IX of the ASME Boiler and Pressure Vessel Code.

(b) This publication is referenced in WAC 480-93-080.

(c) Copies of Section IX of the ASME Boiler and Pressure Vessel Code (2007 edition, including addenda through July 1, 2005) are available from ASME, <https://www.asme.org/codes/>. It is also available for inspection at the commission.

(3) The American Petroleum Institute (API) standard 1104 (20th edition October 2005, including errata/addendum July 2007 and errata 2 (2008)).

(a) The commission adopts the 20th edition 2005, including errata/addendum July 2007 and errata 2 (2008) of this standard.

(b) This standard is referenced in WAC 480-93-080.

(c) Copies of API standard 1104 (20th edition 2005, including errata/addendum July 2007 and errata December 2008) are available from the Office of API Publishing Services, <https://www.api.org/>. It is also available for inspection at the commission.