

2021 – March 3 – Editorial Section

Approved revisions of guide material under §§192.11. **Ready for 2nd LB**

PRIMARY: 192.11

SECONDARY: GMA G-192-11A at GM 3, Table 1

PURPOSE: Update Definition of Utility Gas Plant

ORIGIN/RATIONALE: Email Mary Friend 6/6/16

Guide material 192.11 Petroleum gas systems

1.2 *Application of referenced codes.*

b) *Plant and storage facilities.*

These facilities include storage tanks and all piping and equipment to the outlet of the first pressure regulator. Utility plant facilities having a total water storage capacity greater than 4,000 gallons are covered by NFPA 59. All other plant and storage installations should comply with NFPA58.

The above section needs changed. It was correct in 2001, but the definition of a “Utility Gas Plant” was changed in the 2004 edition of NFPA 59. It would need to reflect the change in the section above. Also, T&Q is going to submit a request for a formal interpretation from NFPA that should clarify that NFPA 59 systems must also have a vaporizer.

2004 NFPA 593.3.18*

Utility Gas Plant. A plant that stores and vaporizes LP-Gas for distribution that supplies either LP Gas or LP-Gas gas/air mixtures to a gas distribution system of 10 or more customers.

Also, in Table 1: It would be clearer to put in the same UEL and LEL for propane and propane/air, than to refer to Note 2. There should be a note that says “these values will vary due to the composition of the gas”.

RESPONSIBLE GROUP: Design Task Group

Second LB Note: Revisions to LB3-2018 are shown in **yellow highlight**; Disapproved vote by Phil Sher in LB3-2018 is copied below and the entire LB3-2018 results are available at the GPTC member website.

Section 192.11

1 GENERAL

1.1 Introduction.

Personnel involved in the design, construction, operation, and maintenance of petroleum gas systems should be thoroughly familiar with the applicable provisions of the Federal Regulations and referenced NFPA Standards (see §192.7 for IBR).

Figure 192.11A depicts the standards applicable to petroleum gas plants that supplement natural gas systems, as described in §192.11(a).

{See Figure 192.11A in Guide}

Figure 192.11A

Figure 192.11B depicts the standards applicable to pipeline systems for petroleum gas or petroleum gas/air mixtures, as described in §192.11(b).

{See Figure 192.11B in Guide}

Figure 192.11B

1.2 *Application of referenced codes.*

(a) General. The referenced NFPA Standards are applicable unless otherwise superseded, in whole or in part, by local governmental agency codes, rules, or regulations having jurisdiction.

(b) ~~Plant and storage facilities. These facilities include storage tanks and all piping and equipment to the outlet of the first pressure regulator.~~

Utility gas plant.

(i) A plant that stores and vaporizes liquefied petroleum gas (LP-Gas) LP-Gas for distribution that supplies either LP Gas or LP-Gas gas/air mixtures to a gas distribution system of 10 or more customers and is covered by NFPA 59.

(ii) Utility plant facilities having a total water storage capacity greater than 4,000 gallons are covered by NFPA 59. All other plant and storage installations should comply with NFPA 58.

(iii) Jurisdiction under Part 192 is determined by §192.1(b)(5).

- (c) Distribution piping. This includes the pipeline from the outlet of the first pressure regulator to:
 - (1) The outlet of the customer meter or the connection to the customer's piping, whichever is farther downstream; or
 - (2) The connection to the customer's piping if there is no customer meter.
 - (d) Customer piping. This includes all piping and facilities downstream of the distribution piping. These facilities are not included in the scope of 49 CFR 192. NFPA 54/ANSI Z223.1 (National Fuel Gas Code) referenced in Figures 192.11A and 192.11B is applicable unless otherwise superseded by the laws, regulations, or building codes of a local jurisdictional authority.
- 1.3 *Conflict between referenced codes.*
If the referenced NFPA Standards are silent or non-specific on a subject for which requirements exist in Part 192, then a conflict does not exist and operators should comply with Part 192 requirements.
- 1.4 Reference.
...

{Phil Sher – Disapproved with Reason in LB3-2018: The proposed definition, regardless of its source, is incorrect. Plants that serve less than 10 customers may still be jurisdictional plants. The PHMSA position is that a system is jurisdictional if a “[P]ortion of system located in public place and more than one (1) customer.” This conflicts with the proposed definition. If the last 5 words were dropped, it would be acceptable.

Utility Gas Plant. A plant that stores and vaporizes liquefied petroleum gas (LP-Gas) for distribution that supplies either LP-Gas or LP-Gas gas/air mixtures to a gas distribution system of 10 or more customers.}

GMA G-192-11A

GAS LEAKAGE CONTROL GUIDELINES FOR PETROLEUM GAS SYSTEMS

3 DEFINITIONS (Applicable to Guide Material Appendix G-192-11A Only)

... {Now proposing no change to GMA G-192-11A under this TR 2016-23 -- proposed changes in LB3-2018 are deleted (they are not shown again here with strikeout).}

{TG Note to Main Body/2nd Letter Ballot: TR 2021-26 has been accepted to handle the unresolved issues from LB3-2018 (Disapproved votes by Miller, Burdeaux, Lomax) regarding Table I in GMAs G-192-11 and G-192-11A. Any changes to GMAs G-192-11 and 11A will be made in TR 2021-26 instead of this TR.}