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|-------------------------|---|
| TR Number | 2022-07 |
| Primary | 192.8, 192.9 |
| Secondary | Numerous |
| Purpose | Review existing GM and revise as appropriate in light of Amendments 191-30 and 192-129. Review existing GM and revise as appropriate in light of technical corrections to gathering line rule (Amdt 192-129, Federal Register Volume 87, Number 113 (Monday, June 13, 2022) pages 35675 - 35677). This TR will address the requirements of Subparts L & M, and add a review of Amdt 192-125 from the scope of 19-39. Review existing GM and revise as appropriate in light of Amdt. 192-130. Review existing GM and revise as appropriate in light of Amdt. 192-132. See 22-21, 22-22, 22-23, 22-24, 22-25. |
| Origin/Rationale | Multiple amendments |
| Notes | Adds new Type C gathering lines, and Type R gathering lines |
| Assigned to | OM/OQ Task Group |

Note: Revisions are shown in **yellow highlight** and **red font**.

Section 192.3

Glossary of Commonly Used Terms

(For Glossary of Commonly Used Abbreviations, see Table 192.3i below.)

Abandoned pipeline is a pipeline that is physically separated from its source of gas and is no longer maintained under Part 192.

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Part 192 regulated gathering lines include Type A, Type B, and Type C onshore gathering lines, but do not include Type R gathering lines or offshore lines as regulated by §192.9(b).

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[Letter Ballot Note for §192.9: TR 22-25 in LB1-2024 proposed putting existing GM under a new 1 heading titled General and proposed a new GM 2 under a heading titled Composite Materials in Type C Gathering Lines.

TR 22-25 is at Design TG for consideration of LB1-2024 comments.]

Section 192.9

~~This guide material is under review following Amendments 192-129, 192-130 and 192-132.~~

- See §§ 192.1 and §192.8(c)(3) for gathering lines excluded from the provisions of Part 192.
- See the "Glossary of Commonly Used Terms" under §192.3 for definition s of "Otherwise changed-" and "Part 192 regulated gathering lines."
- See guide material under §192.8 for regulated gathering line definitions. As used in guide material, the term "Part 192 regulated gathering lines" includes Type A, Type B, and Type C gathering lines. It does not include Type R gathering lines.
- See Guide Material Appendix G-192-22.

Section 192.51

- (a) Operators designing and installing Part 192 regulated gathering lines must follow the requirements of §192.51 (§192.9).
- (b) Materials used in existing pipelines that may become regulated in the future will be grandfathered upon becoming regulated. Operators designing and installing new Type R gathering lines that are not regulated at the time of installation should be aware of the materials of construction in case the pipeline becomes regulated in the future and should consider whether the construction materials to be used were are manufactured under a listed specification (see Part 192, Appendix B).

Examples of non-listed materials include the following.

- (a-1) Polyethylene manufactured according to ASTM F2619 and API 15LE.
- (b-2) Spoolable composite materials manufactured in accordance with API 15S.
- (c) —Mechanical interference fit joint and other non-qualified joints and joining systems.
- (c) Operators designing and installing new Type R gathering lines should consider whether to use non-qualified joints and joining systems (e.g., mechanical interference fit joints).

2 MATERIALS USED FOR REPAIRS OR REPLACEMENTS

Repairs, ~~relocations, or~~ replacements, ~~or otherwise changed segments~~ on Part 192 regulated ~~segments of~~ gathering lines must be performed using materials manufactured to a listed specification (§192.9(d)(1), 192.9(e)(1)(i), 192.53).

3 COMPOSITE MATERIALS

Type C gathering line operators proposing to install composite materials must follow the requirements of §192.9(h). ~~Repairs and replacements on composite pipe segments 40 feet or less do not need to follow the requirements of this section (§192.9(f)(2)). Section 192.9(f)(2) is not applicable to repairs and replacements on composite pipe segments existing on or prior to May 16, 2022, if the repair or replacement is 40 feet or less.~~

43 SPECIAL PERMIT (WAIVER)

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Section 192.53

1 FRACTURE TOUGHNESS REQUIREMENT

- (a) Seam-welded steel pipe, 20 inches and larger in diameter and with SMYS of 52,000 psi or higher to be installed in transmission lines, and Type A ~~or Type C~~ gathering lines to operate at 40% or more of SMYS and at operating pipe temperature less than 60 °F, should exhibit sufficient notch ductility at the operating pipe temperature. Compliance with either the Charpy impact or drop weight test criteria specified in SR5 or SR6 of API Spec 5L (see listing in §192.7, not IBR for §192.53) is sufficient evidence of such ductility when impact tests are made at or below the design pipe temperature.
- (b) ...

Section 192.150

1 REFERENCES

See Guide Material Appendix G-192-14 for design and construction considerations.

2 GATHERING LINES

~~Type A gathering lines are exempt from this requirement (§192.9(c)). No exemption exists for Type B gathering lines (§192.9(d)). Part 192 regulated gathering lines are specifically exempt from this requirement (§192.150(b)(8)), but operators may consider the benefits of piggable pipelines.~~

Section 192.221

- (a) Welding terms used in this Guide generally conform to the standard definitions established by the American Welding Society and contained in AWS Publication A3.0 "Standard Welding Terms and Definitions." See definition of "Pipe Manufacturing Processes" in the guide material under §192.3 for exceptions.
- (b) This section applies to Part 192 regulated gathering lines.

Section 192.225

Note: This section applies to Part 192 regulated gathering lines.

- (a) ...

Section 192.227

- (a) Operators of Type B and Type C gathering lines are exempt from the requirements of §192.227(c) (see §192.9(d) and (e)). Operators of these lines might should consider using the following guidance.
- (b-1) It is the operator's responsibility to ensure that all welding is performed by qualified welders and welding operators.
- (c-2) The ability of welders and welding operators to make sound welds ...
- (d-3) For steel transmission, offshore and onshore Type A gathering pipe installed after July 1, 2021, records of the qualification of each individual welder should include the following.
- (1-a) Welder's identity.
 - (2-b) Welding procedure to which the welder is qualified.
- (e-4) The operator should consider identifying the specific welds ... using methods such as the following.
- (1-a) Measurements from known landmarks.
 - (2-b) GPS coordinates.
 - (3-e) Station number.
 - (4-d) Other methods.

Section 192.229

Note: This section applies to Part 192 regulated gathering lines.

A welding "process" is one element of a welding "procedure." Processes ...

Section 192.231

Note: This section applies to Part 192 regulated gathering lines.

~~No guide material necessary.~~

Section 192.233

Note: This section applies to Part 192 regulated gathering lines.

~~No guide material necessary.~~

Section 192.235

Note: This section applies to Part 192 regulated gathering lines.

1 BUTT WELDS

...

Section 192.241

Note: This section applies to Part 192 regulated gathering lines.

1 VISUAL WELDING INSPECTION

...

Section 192.243

Note: This section applies to Part 192 regulated gathering lines.

1 METHODS (§192.243(a))

...

Section 192.245

Note: This section applies to Part 192 regulated gathering lines.

References for repair include ...

[Publication note: §192.285 needs to be updated in the Guide, so that it includes §192.285(e) as referenced in the GM proposed below.]

Section 192.285

Note: This section applies to Part 192 regulated gathering lines, but these lines Operators of Type B and Type C gathering lines are exempt from the requirements of §192.285(e) (see §192.9(c), (d) and (e)). Operators of these lines might should consider using the following recordkeeping guidance.

1 OBSERVATION AND CERTIFICATION OF JOINER

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Section 192.319

This guide material is under review following Amendment 192-132. {Addendum 4; TR 22-58 is still open.}

Note: This section applies to Part 192 regulated gathering lines, but these lines Operators of Type B and Type C gathering lines are exempt from the requirements of §192.319(d) through (g) (see §192.9(c), (d) and (e)). Operators of these lines might should consider using the following guidance a post-construction coating damage assessment.

1 INSTALLATION

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Section 192.465

This guide material is under review following Amendment 192-132. {Addendum 4; TR 22-60 is still open.}

Note: Operators of Type A, Type B, and Type C gathering lines are exempt from the requirements of §192.465(d) and §192.465(f) (see §192.9(c), (d) and (e)). Operators of these lines might should consider using the following remediation guidance.

1 METHODS FOR MONITORING CATHODICALLY PROTECTED PIPELINES

- (a) ...

Section 192.481

DETERMINING AREAS OF ATMOSPHERIC CORROSION

- (a) ~~Type A and B gathering line overpressure devices or valves that~~ Aboveground appurtenances (e.g., overpressure devices, valves) that are used for Part 192 regulated gathering lines, but lie outside of the regulated segments (see §192.8(b)), are not required to have inspections for atmospheric corrosion.
- (b)

Section 192.501

~~All The~~ newly installed, repaired, replaced, ~~or~~-relocated, ~~or otherwise changed~~ transmission lines, distribution lines, ~~Type A gathering lines,~~ and ~~Type B Part 192 regulated~~ gathering lines (§192.9(c), ~~and~~ (d) and (e)), must be tested in accordance with Subpart J.

All newly installed, replaced, or relocated transmission lines, distribution lines, Type A gathering lines, and Type B gathering lines (§192.9(c) and (d)), must be tested in accordance with Subpart J.

Section 192.506

Note: Operators of Part 192 regulated gathering lines are exempt from the requirements of this section (§192.9(c), (d) and (e)).

1 APPLICABILITY

...

Section 192.603

Note: ~~Although not required, o~~ Operators of Type B and Type C gathering lines ~~are not required to comply with this section (§192.9(d) and (e)), but~~ should consider establishing ~~their own~~ record retention procedures.

- (a) ...

...

Section 192.605

Note: ~~Although not required, Operators of Type B and Type C gathering lines are not required to comply with this section (§192.9(d) and (e)), but operators should consider establishing a procedural manual for Type B gathering lines. Operators with existing regulatory-required procedural manuals should consider using those manuals for Type B and Type C gathering lines.~~

1 GENERAL

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Section 192.607

Note: Operators of Type A gathering lines are exempt from the requirements of this section. Operators of Type B and Type C gathering lines are not required to comply with this section. (§192.9(c), (d) and (e)).

1 APPLICABILITY

- (a) Section 192.607 only applies to onshore steel transmission pipelines. This section does not apply to offshore transmission, non-steel transmission, gathering, or distribution pipelines.

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[Letter Ballot Note: TR 21-28 was Approved by LB1-2024 to revise the GM under §192.609 as shown below in green font. TR 21-28 was sent for ANSI Public Review on June 21, 2024.]

Section 192.609

This section applies to transmission lines and Type A gathering lines operating above 40 percent SMYS.

- (a) *When an analysis of population density indicates an increase in class location, studies are required for transmission lines and Type A gathering lines operating at a hoop stress above 40 percent of SMYS (§192.609). When a class location change occurs, the pipeline MAOP might be affected.*
- (b) *Pipeline maximum allowable operating pressures (MAOPs) are limited by class location design factors as defined in §192.111(a), by class location test pressure safety factors as defined in §192.619(a)(2), or by alternative MAOP class location design and test factors as outlined in §192.620(a)(1) and (2). Class 4 locations have the highest safety factors. The design factor allowed for Class 4 locations yields a design pressure with a hoop stress no greater than 40 percent of SMYS. Therefore, pipelines operating at or under 40 percent do not require a confirmation of MAOP under §192.611, and no study is required.*
- (c) *Changes in class location might require a modification of the MAOP as required by §192.611. Pipelines with an established MAOP at or below 40 percent of SMYS do not require confirmation or changes in MAOP because the operating hoop stress of these pipelines is already commensurate with any of the class location hoop stress levels.*
- (d) *Transmission lines and Type A gathering lines with an established MAOP at or below 40 percent of SMYS, or Type B gathering lines, do not require studies.*
- (e) *If a Type C gathering line operating above 40% SMYS has an increase in population density indicating an increase in class location, this would convert the line to a Type A gathering line; the new Type A gathering line would need the study.*
- (f-e) *In cases where the reduction in class location (e.g., Class 2 to Class 1, Class 3 to Class 2) could allow operation of the pipeline at a higher operating hoop stress, the MAOP cannot be increased unless the pipeline is uprated in accordance with Subpart K.*
- (g-f) *Changes in class location might change inspection frequencies, such as those found in §§ 192.705 and 192.706.*

Section 192.613

This guide material is under review following Amendment 192-132. {Addendum 4; TR 22-63 is still open.}

Note: Operators of Type A gathering lines are exempt from the requirements of §192.613(c) (see §192.9(c)). Although not required, operators ~~Operators of Type B and Type C gathering lines are not required to comply with this section (§192.9(d) and (e)), but~~ should consider including Type B and Type C gathering lines in continuing surveillance efforts.

1 GENERAL

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Section 192.614

Note: Section 192.616 requires most operators, including ~~Type A and Type B~~ Part 192 regulated gathering line operators, to develop and implement a written continuing public education program that follows the guidance provided in API RP 1162 for identifying and notifying excavators and the affected public about damage prevention. These identification and notification activities are required by §192.614. Guide material for these program activities is provided in 2.3, 2.4, and 2.5 below.

1 SCOPE

This guide material covers damage prevention programs for buried pipelines, including Part 192 regulated ~~Type A and Type B~~ gathering lines. The guide material excludes pipelines specified under §192.614(d) and (e) that are exempt from the requirement for a written damage prevention program. For considerations to minimize damage by outside forces, see Guide Material Appendix G-192-13.

Some activities ...

Section 192.615

Notes:

- (1) Although not required, operators should consider developing an emergency plan for Type B gathering lines (§192.9(d)).
- (2) Operators of Type C gathering lines are required to have an emergency plan (§192.9(e)(1)(iv)).
- (3-2) To differentiate between operators' emergency response personnel and processes and those of public agencies and administrations, the term operator (or a variant) is used to denote pipeline operators' personnel and processes. Similarly, the term local is used for public agencies, such as fire, police, and other public officials.
- (4-3) Some activities performed as requirements for emergency plans may also be used to satisfy similar program requirements under §§192.614, 192.616, 192.620(d)(2), and 192.935.

1 WRITTEN EMERGENCY PROCEDURES (§192.615(a))

...

1.9 Providing for investigation of failures.

Note: Type C gathering line operators are required to have an emergency plan (§192.9(e)), and include written instructions to initiate actions for investigating failures. Since Type C operators are not required to perform failure investigations, the written procedures could be as simple as stating Type C operators are not required to perform failure investigations.

Instructions for initiating investigation of failures in accordance with §192.617 should include the following, where applicable.

- (a) Keeping a log of significant events and of actions taken.

- (b) Preserving failed facilities or equipment for analysis, as may be appropriate.
- (c) Obtaining and submitting information required by jurisdictional regulatory agencies.
- (d) Including the requirement for post-accident / incident drug and alcohol testing. See Part 199 – Drug and Alcohol Testing and OPS Advisory Bulletin ADB-2012-02 (77 FR 10666, Feb. 23, 2012; see Guide Material Appendix G-192-1, Section 2).

1.10 Incident Command System (ICS). ...

1.11 Role of control room during an emergency.

Note: Operators of Type C gathering lines do not need procedures are not required to follow §192.631 have procedures that include for control room management (§192.9(e)). Operators with existing control rooms should consider using those procedures for Type B and Type C gathering lines.

If applicable, an operator should provide controllers with procedures and tools when controllers are required to respond to an emergency in accordance with §192.631.

2 ...

[Letter Ballot Note: In July 2024, TR 23-13 was also approved to Editorial for recirculating to a 2nd Main Body Letter Ballot. TR 23-13 is proposing to revise the GM under §192.616, including a proposed revision to GM 1 as shown in green font below. See TR 23-13.]

Section 192.616

1 GENERAL

- (a) The public education program should be tailored to the type of pipeline operation (transmission, distribution, gathering) and the environment traversed by the pipeline. Section 192.616(b) requires the operator to assess the unique attributes and characteristics of the operator's facilities. The public education program should include regulated pipelines that are currently transporting gas and inactive lines that are still being maintained by the operator and that could be placed back into service. Operators in the same area should attempt to coordinate their program activities to properly direct reports of emergencies and to avoid inconsistencies.
- (b) Operators of Part 192 regulated gathering lines must follow the requirements for gathering lines as outlined in API RP 1162 (see §192.7 for IBR). (§192.616(b) and (c))
- (c) Some activities performed as requirements for public awareness may also be used to satisfy similar program requirements under §§192.614, 192.615, 192.620(d)(2), and 192.935.
- (d) Operators of petroleum gas distribution systems or smaller natural gas systems ...

2 API RP 1162

...

Section 192.617

This guide material is under review following Amendment 192-130. (Addendum 4; TR 22-34 is still open.)

Note: Although not required, operators should consider developing written procedures for failure investigations on Type B gathering lines.

Note: Operators of Type B and Type C gathering lines are not required to comply with this section (§192.9(d) and (e)), but operators should consider developing written failure investigation procedures. Operators of Type C gathering lines need to include written procedures in their emergency plans for initiating action regarding failure investigations, but failure investigations are not

required (§192.9(e)).

1 GENERAL

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[Letter Ballot Note: §192.619 will be addressed in TR 23-18 instead of this TR.]

Section 192.624

Note: Operators of Type A gathering lines are exempt from the requirements of this section. Operators of Type B and Type C gathering lines are not required to comply with this section (§192.9(c), (d) and (e)).

1 GENERAL

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Section 192.625

1 GATHERING LINES

Operators of Type A gathering lines must evaluate the need for odorization according to §192.625(b) (see §192.9(c)). Operators of Type B and Type C gathering lines are exempt from are not required to comply with odorization requirements (§192.9(d) and (e)).

2 ...

Section 192.627

1 PERSONNEL QUALIFICATIONS

- (a) Personnel performing hot taps should be:
 - (1) Familiar with the pressure limitations of the hot tapping equipment to be used; and
 - (2) Thoroughly trained in the mechanical procedures and safety precautions associated with the use of such equipment.
- (b) Operators should consider using their Operator Qualification Program to establish tapping qualification criteria and documentation requirements for an individual's qualification.
- (c) ~~Although not required, Operators of Type B and Type C gathering lines~~ do not need are not required to comply with this section (§192.9(d) and (e)), but are encouraged to use should consider the need for qualified personnel while performing hot taps ~~on existing pipelines.~~

2 ...

Section 192.629

Note: ~~Although not required, Operators of Type B and Type C gathering lines~~ do not need are not required to comply with this section (§192.9(d) and (e)), but should consider the use of are encouraged to use written purging procedures.

1 PURGING INSIDE BUILDINGS

...

Section 192.631

1 GENERAL

- (a) Section §192.631 applies to any operator of a pipeline (facility) that uses a control room and controllers to monitor and control at least some of those pipeline facilities remotely through a Supervisory Control and Data Acquisition (SCADA) system. An operator is required to have written plans that cover all of the components listed in the sections below.
- (b) Certain operators are required to develop the appropriate procedures to comply with only fatigue mitigation (§192.631(d)), compliance validation (§192.631(i)), and compliance and deviation (§192.631(j)).
- (c) Operators of Type A gathering lines need to determine the applicability of control room management under §192.631 (see §192.9(c)). The requirements of this section do not apply to Type B or Type C gathering lines (§192.9(d) and (e)). However, operators of Type B and Type C gathering lines that share a control room with facilities required to have a written control room management (CRM) plan should consider incorporating the same procedures.
- (d) When determining the number of services under the oversight of a control room, the total should equal the number of services that are served by a single control room as reported to PHMSA-OPS on the annual report (§191.11).

...

Section 192.634

This guide material is under review following Amendment 192-130. {LB note: TR 22-35 is still open.}

Note: Operators of Part 192 regulated gathering lines are not required to comply with this section (§192.9(d) and (e)).

Section 192.635

This guide material is under review following Amendment 192-130. {LB note: TR 22-36 is still open.}

Note: Operators of Part 192 regulated gathering lines are not required to comply with this section (§192.9(d) and (e)).

Section 192.636

This guide material is under review following Amendment 192-130. {LB note: TR 22-37 is still open.}

Note: Operators of Part 192 regulated gathering lines are not required to comply with this section (§192.9(d) and (e)).

Section 192.701

- (a) Type B and Type C gathering lines are exempt from this subpart, except for §§192.703(c), 192.706, and 192.707 (§192.9(d) and (e)). Type C gathering lines may have additional exemptions based on §192.9(f)(1). These additional exemptions for Type C lines are outlined in the guide material for those sections.
- (b) For steel or non-metallic Type B and steel or plastic Type C gathering lines that are replaced, relocated, or otherwise changed, the design, installation, construction, initial inspection, and initial testing must be in accordance with the requirements for transmission lines (§192.9(d) and (e)).

- (c) For Type C gathering lines constructed with composite pipe that are replaced, relocated, or otherwise changed, the operator must notify PHMSA as required by §192.18 (see §192.9(h)(2)). Repairs or replacement of existing composite pipe less than 40 feet in length may be done without notification to PHMSA.

Section 192.703

1 GENERAL ...

2 REPAIR OF PIPE

2.1 General. ...

2.2 Repairs to distribution lines. ...

2.3 Repairs to transmission lines and ~~Type A~~ gathering lines.

- (a) For repairs to steel transmission lines and Type A gathering lines, see §§ 192.711, 192.713, 192.715, 192.717, and 192.751.
- (b) Operators of Type B and Type C gathering lines ~~do not need~~ are not required to comply with §§ 192.711, 192.713, 192.715, 192.717, and 192.751 (see §192.9(d) and (e)), but are encouraged to use these sections for repairs.
- (c) Section 192.485 allows the alternative of lowering the MAOP on corroded transmission pipe where a safe operating pressure can be calculated based on the remaining strength of the corroded pipe. See guide material under §192.485.

2.4 Permanent repairs to thermoplastic piping. ...

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5 GAS LEAKAGE CONTROL GUIDELINES

- (a) Guide Material Appendix G-192-11 (Natural Gas Systems) and Guide Material Appendix G-192-11A (Petroleum Gas Systems) provide guidelines for the detection, classification, and control of gas leakage. These appendices include information related to the prompt repair of hazardous leaks as required by §192.703(c).
- (b) Type B gathering line operators must repair hazardous leaks as required by §192.9(d)(8) and may follow the guidelines of Table 3a Leak Classification and Action Criteria for Grade 1 leaks or other operator criteria to define hazardous leaks. ~~Repairs to Type B gathering lines should be made in accordance with requirements for transmission lines.~~
- (c) Type C gathering line operators with Type C lines greater than 16 inches in outside diameter and Type C lines less than or equal to 16 inches in outside diameter that have buildings suitable for human occupancy within the PIR or class location unit as defined in §192.9(f)(1)(i) and (ii) must repair hazardous leaks as required by §192.9(e)(1)(vii). The operator may follow the guidelines of Table 3a Leak Classification and Action Criteria for Grade 1 leaks or other operator criteria to define hazardous leaks.
- (d) Repairs to Type B or Type C gathering lines must be made in accordance with the requirements in subparts B through G and J that are applicable to transmission pipelines (§192.9(d) and (e)).

Section 192.705

1 GENERAL

Transmission lines and Type A gathering lines should be patrolled, as necessary, to observe factors affecting safe operation and to enable correction of potentially hazardous conditions.

Operators of Type B and Type C gathering lines do not need to comply with §192.705, but are encouraged to patrol their pipelines. In addition to visual evidence of leakage, patrol considerations should include observation and reporting of potential hazards and conditions such as the following.

- (a) ...
...

Section 192.706

- (a) The minimum frequency for leakage surveys of transmission lines and gathering lines is established by §192.706. See 4 and Table 192.935i of the guide material under §192.935 for transmission pipelines operating below 30% of SMYS located in Class 3 or Class 4 location, but not in a high consequence area. See 1.3, 1.4, and 1.5 of the guide material under §192.723 and the applicable sections of Guide Material Appendix G-192-11.
- (b) Leakage surveys of Type B gathering lines require the use of leakage detection equipment (§192.9(d)(8)).
- (c) Leakage surveys on Type C gathering lines greater than 16 inches in outside diameter and Type C lines less than or equal to 16 inches in outside diameter that have buildings suitable for human occupancy or impacted sites within the PIR or class location unit as defined in §192.9(f)(1)(i) and (ii) requires the use of leakage detection equipment (§192.9(e)(1)(vii)).
- (d) Operators are encouraged to perform leakage surveys on all gathering lines.

Section 192.707

~~4. — GENERAL~~ {TR 23-10 as approved in LB1-2024 will delete this heading; went to ANSI Public Review on June 21, 2024.}}

- (a) If an existing pipeline has undergone a conversion ... {TR 23-10 in LB1-2024 approved changes to the remainder of (a) – not shown here.}
- (b) See Guide Material Appendix G-192-13, Section 3.
- (c) Part 192 regulated gathering lines require line markers (§192.9(c), (d)(7), and (e)(1)(vi)).
- (d) Operators are encouraged to install pipeline markers on Type R gathering lines.

Section 192.710

This guide material is under review following Amendment 192-125. {LB note: TR 19-54 is still open.}

Note: Type A gathering lines are exempt from the requirement for assessments outside high consequence areas (§192.9(c)). This section does not apply to Type B or Type C gathering lines (§192.9(d) and (e)).

Section 192.711

- (a) Operators of Type B and Type C gathering lines do not need are not required to comply with this section (§192.9(d) and (e)), but are encouraged to consider this guidance for repairs.
- (b) Prior to permanent mechanical or welded repair of a steel pipeline operating at greater than 20% SMYS, the operator should determine the thickness and integrity of the pipe wall by ultrasonic or other means. Where deterioration or lamination is found, steps should be taken to ensure a safe repair.
- (c) According to manufacturers' guidelines, composite pipe can only be repaired by pipe replacement. Composite pipe in existence on or before prior to May 16, 2022, may be repaired if the total length of

composite replacement is 40 feet or less. The notification under §192.18 is only required for composite replacements greater than 40 feet (§192.9(h)(2)).

(d-b) See guide material under §§192.703, 192.713, 192.751, and 192.933.

Section 192.712

This guide material is under review following Amendments 192-125 and 192-130. {LB note: TR 22-62 is still open.}

Note: Type A gathering lines are exempt from the requirement for analysis of predicted failure pressure (§192.9(c)). Operators of Type B and Type C gathering lines do not need are not required to comply with this section (§192.9(d) and (e)). Gathering line operators are encouraged to consider this guidance for repairs.

Section 192.713

1 GENERAL

1.1 Gathering.

Type B and Type C gathering line operators are not required to comply with this section (§192.9(d) and (e)), but are encouraged to consider this guidance when making repairs.

1.2 1.1 Repair Method. ...

1.3 1.2 Repair method selection. ...

1.4 1.3 Impairment beyond are of concern. ...

1.5 1.4 Written procedures. ...

1.6 1.5 Other. ...

2 ...

Section 192.714

This guide material is under review following Amendment 192-132. {LB note: TR 22-65 is still open.}

Note: Type A gathering lines are exempt from the requirement for repair criteria (§192.9(c)). Operators of Type B and Type C gathering lines do not need are not required to comply with this section (§192.9(d) and (e)). Gathering line operators are encouraged to consider this guidance for repairs.

Section 192.715

Note: Operators of Type B and Type C gathering lines do not need are not required to comply with this section (§192.9(d) and (e)), but are encouraged to consider this guidance when making weld repairs.

See guide material under §192.713 regarding repair sleeves.

Section 192.717

Note: Operators of Type B and Type C gathering lines do not need are not required to comply with this section (§192.9(d) and (e)), but are encouraged to consider this guidance when making leak repairs.

(a) ...

Section 192.719

Note: Operators of Type B and Type C gathering lines ~~do not need are not required~~ to comply with this section (§192.9(d) and (e)), but are encouraged to consider this guidance when testing repairs.

When tie-in girth welds are not strength tested, they should be nondestructively tested in accordance with §192.241.

Section 192.727

Note: ~~Although not required, operators~~ Operators of Type B and Type C gathering lines operators do not need are not required to comply with this section (§192.9(d) and (e)), but are encouraged to ~~lines should~~ consider the following when abandoning facilities.

1 GENERAL

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Section 192.731

The MAOP of regulated segments of gathering lines could be protected by equipment that is located in non-regulated compressor stations. While the compressor station might not be subject to Part 192 due to its location, individual devices within the station that provide overpressure protection or isolation of downstream regulated segments could be regulated by function.

Although not required for non-regulated devices, operators of Type B and Type C gathering lines should consider performing routine inspections of compressor overpressure protection devices.

Section 192.736

Note: This section applies to transmission lines and Type A gathering lines regarding regulated compressor stations and gas detection. Operators of Type B and Type C gathering lines are encouraged to consider gas detection requirements in compressor stations.

1 GENERAL

...

Section 192.739

1 GENERAL

1.1 Gathering lines.

- (a) The MAOP of gathering lines could be protected by equipment that is located outside of the regulated segment of pipeline. While the pressure limiting station, relief device, or regulating station might not be subject to Part 192 due to its physical location, individual devices that provide overpressure protection or isolation of downstream regulated segments could be regulated by function.
- (b) ~~Although Relief device inspections are~~ not required for non-regulated devices. Operators of Type B and Type C gathering lines should consider performing routine inspections of overpressure protection devices protecting regulated segments.

...

Section 192.743**1 CAPACITY DETERMINATION BY IN-PLACE TESTING****2 CAPACITY DETERMINATION BY CALCULATION****3 REDETERMINATION****4 GATHERING LINES**

- (a) The MAOP of gathering lines could be protected by equipment that is located outside of the regulated segment of pipeline. While the relief device might not be subject to Part 192 due to its physical location, individual devices that provide overpressure protection or isolation of downstream regulated segments could be regulated by function.
- (b) Although capacity calculations are not required for non-regulated devices, operators of Type B and Type C gathering lines should consider performing routine capacity calculations for relief devices.

Section 192.745

This guide material is under review following Amendment 192-130. {Addendum 4; TR 22-38 is still open.}

1 INSPECTION AND MAINTENANCE

...

- (e) Gathering line emergency valves.
 - (i) Type A gathering line operators must perform valve inspections (§192.9(c)). While a valve protecting a Type A gathering line might not be subject to Part 192 due to its physical location, it could be regulated by function.
 - (ii) Although not required, operators should consider performing routine inspections on valves protecting Type B and Type C gathering lines.

...

Section 192.749

Note: Operators of Type B and Type C gathering lines ~~do not need~~ are not required to comply with this section (§192.9(d) and (e)), but are encouraged to consider this guidance when maintaining vaults.

1 APPLICABILITY

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[Letter Ballot Note: In July 2024, TR 19-56 was also approved to recirculate to Editorial and Main Body Letter Ballot. TR 19-56 is proposing to delete the GM review note and add GM under §192.750 as shown in green font. See TR 19-56.]

Section 192.750

~~This guide material is under review following Amendment 192-125.~~

Note: Type A gathering lines must comply with this section (§192.9(c)). Operators of Type B and Type C gathering lines are not required to comply with this section (§192.9(d) and (e)), but are encouraged to consider this guidance when using launchers or receivers.

- (a) An operator should consider developing a written procedure for launcher/receiver operations and reviewing it during a safety meeting prior to the actual operations.

... {See (b) – (g) as proposed in TR 19-56.}

Section 192.751

Note: Type A gathering lines must comply with this section (§192.9(c)). Operators of Type B and Type C gathering lines are not required to comply with this section (§192.9(d) and (e)), but are encouraged to follow this guidance to prevent accidental ignition.

1 GENERAL

...

Section 192.756

Note: Type A gathering lines must comply with this section (§192.9(c)). Operators of Type B and Type C gathering lines are not required to comply with this section (§192.9(d) and (e)), but are encouraged to consider this guidance when joining by heat fusion.

1 GENERAL

...

Section 192.801

See Cautionary Note at the beginning of Subpart N.

1 GENERAL ...

2 GATHERING LINE OPERATORS

- (a) Operators of a Type A gathering line in Class 2 locations may demonstrate compliance by describing the process used to determine the qualification of persons performing operations and maintenance tasks (§192.9(c)).
- (b) Operators of a Type A gathering line in Class 3 and 4 locations must comply with this subpart (§192.9(c)).
- (c) Operators of Type B and Type C gathering lines are not required to comply with this section (§192.9(d) and (e)), but are encouraged to train and qualify personnel.

~~3-2~~ CONTRACTORS

4-3 EMERGENCY RESPONSE**GMA G-192-13****GUIDE MATERIAL APPENDIX G-192-13**

(See guide material under §§192.103, 192.183, 192.199, 192.203, 192.317, 192.321, 192.327, 192.353, 192.355, 192.361, 192.367, 192.613, 192.614, 192.707, and Guide Material Appendix G-192-6)

CONSIDERATIONS TO MINIMIZE DAMAGE BY OUTSIDE FORCES**1 INTRODUCTION****2 DESIGN****3 MARKERS**

In addition to the markers required by §192.707, consideration should be given to the following.

3.1 General. ...**3.2 Transmission lines or gathering lines.**

(a)

(b)

(c)

(d) Operators of Part 192 regulated gathering lines must install line markers (§192.9(c), (d) and (e)). Operators with Type C gathering lines greater than 16 inches in outside diameter and Type C lines less than or equal to 16 inches in outside diameter that have buildings suitable for human occupancy or an identified site within the PIR or class location unit as defined in §192.9(f)(1)(i) and (ii) must install and maintain line markers (§192.9(e)(vi)). Gathering line operators are encouraged to install line markers on their unregulated pipeline segments along their entire pipeline.

GMA G-192-14**GUIDE MATERIAL APPENDIX G-192-14**

(See guide material under §§192.150, 192.465, 192.476, 192.605, and Subpart O)

IN-LINE INSPECTION

...

2 DESIGN OF PIPELINES TO ACCOMMODATE ILI TOOLS

As required by §192.150, new or replacement transmission pipelines must be designed to accommodate ILI tools. ~~Type A gathering lines are exempt from this requirement (§192.9(c)). No exemption exists for Type B gathering lines (§192.9(d)). Gathering lines are specifically exempt from this requirement (§192.150(b)(8)), but operators might consider the benefits of piggable pipelines.~~

NACE SP0102, Section 7 provides guidance on new construction and the planning considerations for ILI, including the following.

(a) ...

...