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## I. Reporting - Regulatory Reporting (Traditional)

#### **1. Annual Report Records**

Have complete and accurate Annual Reports utilizing the most recent form F 7100.2-1 been submitted?

(RPT.RR.ANNUALREPORT.R) 191.17(a)

#### 6. Incident Reports

Does the process require preparation and filing of an incident report as soon as practicable but no later than 30 days after discovery of a reportable incident?

(RPT.RR.INCIDENTREPORT.P) 191.15(a) (192.624(a)(1);192.624(a)(2))

#### 7. Supplemental Incident Reports

Does the process require preparation and filing of supplemental incident reports?

(RPT.RR.INCIDENTREPORTSUPP.P) 191.15(d) (192.624(a))

#### 8. Incident Reports

Do records indicate reportable incidents were identified and reports were submitted to DOT on the most recent Form within the required timeframe?

(RPT.RR.INCIDENTREPORT.R) 191.15(a) (192.624(a)(1);192.624(a)(2))

#### 9. Supplemental Incident Reports

Do records indicate accurate supplemental incident reports were filed and within the required timeframe using the most recent Form?

(RPT.RR.INCIDENTREPORTSUPP.R) 191.15(d)

#### **10. Safety Related Condition Reports**

Do processes require reporting of safety-related conditions?

(RPT.RR.SRCR.P) 192.605(a) (191.23(a);191.23(b);191.25(a);191.25(b);191.25(c))

#### **11. Safety Related Conditions**

Does the process include instructions enabling personnel who perform operation and maintenance activities to recognize conditions that may potentially be safety-related conditions, including MAOP Exceedances?

(MO.GO.SRC.P) 192.605(a) (192.605(d);191.23(a))

#### **12. Safety Related Condition Reports**

Do records indicate safety-related condition reports were filed as required?

(RPT.RR.SRCR.R) 191.23(a) (191.23(b);191.25(a);191.25(b);191.25(c))

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#### 20. 192.18 Required Notifications to PHMSA

Do the procedures include provisions for each of the required types of notifications to PHMSA per §192.18?

(RPT.RR.19218NOTIF.P) 192.18(c) (192.506(b); 192.607(e)(4); 192.607(e)(5); 192.624(c)(2)(iii); 192.624(c)(6); 192.632(b)(3); 192.710(c)(7); 192.712(d)(3)(iv); 192.712(e)(2)(i)(E); 192.921(a)(7); 192.937(c)(7))

#### 21. 192.18 Required Notifications to PHMSA

Do the records indicate proper and timely notifications to PHMSA for each notification type as required by §192.18(c)?

```
(RPT.RR.19218NOTIF.R) 192.18(c)
(192.506(b);192.607(e)(4);192.607(e)(5);192.624(c)(2)(iii);192.624(c)(6);192.632(b)(3);192.710(c)(7);192.
712(d)(3)(iv);192.712(e)(2)(i)(E);192.921(a)(7);192.937(c)(7))
```

#### 22. 192.18 Required Notifications to PHMSA - Training

Do the procedures require operator training for all affected personnel on the § 192.18(c) reporting requirements?

```
(RPT.RR.NOTIFTRAINING.P) 192.18(c) (192.506(b); 192.607(e)(4); 192.607(e)(5); 192.624(c)(2)(iii); 192.624(c)(6); 192.632(b)(3); 192.710(c)(7); 192.712(d)(3)(iv); 192.712(e)(2)(i)(E); 192.921(a)(7); 192.937(c)(7))
```

#### 23. 192.18 Required Notifications to PHMSA - Training

Do training records demonstrate all personnel who are responsible for providing 192.18(c) notifications were adequately trained on the requirements?

(RPT.RR.NOTIFTRAINING.R) 192.18(c) (192.506(b); 192.607(e)(4); 192.607(e)(5); 192.624(c)(2)(iii); 192.624(c)(6); 192.632(b)(3); 192.710(c)(7); 192.712(d)(3)(iv); 192.712(e)(2)(i)(E); 192.921(a)(7); 192.937(c)(7))

## **II. Maintenance and Operations - Gas Pipeline Class Location**

#### 3. Continuing Surveillance

Are there processes for performing continuing surveillance of pipeline facilities, and also for reconditioning, phasing out, or reducing the MAOP in a pipeline segment that is determined to be in unsatisfactory condition but on which no immediate hazard exists?

(MO.GO.CONTSURVEILLANCE.P) 192.605(e) (192.613(a);192.613(b);192.703(b);192.703(c))

#### 7. Continuing Surveillance

Do records indicate performance of continuing surveillance of facilities as required, and also the reconditioning, phasing out, or MAOP reduction in any pipeline segment that was determined to be in unsatisfactory condition but on which no immediate hazard existed?

```
(MO.GO.CONTSURVEILLANCE.R) 192.709(c) (192.613(a);192.613(b);192.703(b);192.703(c))
```

#### 8. Continuing Surveillance

Are unsatisfactory conditions being captured and addressed by continuing surveillance of facilities and the pipeline as required by 192.613?

(MO.GO.CONTSURVEILLANCE.O) 192.613(a) (192.613(b);192.703(a);192.703(b);192.703(c))

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#### 1. Change in Class Location Confirmation or Revision of MAOP

Does the process include a requirement that the MAOP of a pipeline segment be confirmed or revised within 24 months whenever the hoop stress corresponding to the established MAOP is determined not to be commensurate with the existing class location?

(MO.GOCLASS.CLASSLOCATEREV.P) 192.605(b)(1) (192.611(a);192.611(b);192.611(c);192.611(d))

**Note** - See Appendix A (located at the bottom of this document) for "§192.611 Change in Class: MAOP Confirmation or Revision" flow chart.

#### 2. Change in Class Location Confirmation or Revision of MAOP

Was the MAOP in a pipeline segment confirmed or revised within 24 months as required?

(MO.GOCLASS.CLASSLOCATEREV.R) 192.605(b)(1) (192.611(a);192.611(b);192.611(c);192.611(d))

**Note** - See Appendix A (located at the bottom of this document) for "§192.611 Change in Class: MAOP Confirmation or Revision" flow chart.

#### 4. Change in Class Location Confirmation or Revision of MAOP

Do field observations verify that current population density and operator-determined class locations are consistent?

(MO.GOCLASS.CLASSLOCATEREV.O) 192.611(a) (192.609)

#### 5. Change in Class Location Required Study

Does the process include a requirement that the operator conduct a study whenever an increase in population density indicates a change in the class location of a pipeline segment operating at a hoop stress that is more than 40% SMYS, or indicates that the hoop stress corresponding to the established maximum allowable operating pressure for a segment of existing pipeline is not commensurate with the present class location?

(MO.GOCLASS.CLASSLOCATESTUDY.P) 192.605(b)(1) (192.609(a);192.609(b);192.609(c);192.609(d);192.609(e);192.609(f))

**Note** - See Appendix A (located at the bottom of this document) for "§192.611 Change in Class: MAOP Confirmation or Revision" flow chart.

#### 6. Change in Class Location Required Study

Do records indicate performance of the required study whenever the population along a pipeline increased or there was an indication that the pipe hoop stress was not commensurate with the present class location?

(MO.GOCLASS.CLASSLOCATESTUDY.R) 192.605(b)(1) (192.609(a);192.609(b);192.609(c);192.609(d);192.609(e);192.609(f))

**Note** - See Appendix A (located at the bottom of this document) for "§192.611 Change in Class: MAOP Confirmation or Revision" flow chart.

## III. Integrity Management - Moderate Consequence Areas (MCA)

#### 1. MCA Definition

Is the operator's MCA definition consistent with the §192.3 Definition?

(IM.MC.MCADEF.P) 192.624(a)(2) (192.710(a)(2);192.3)

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#### 2. MCA Identification

What is the methodology being used for identifying MCAs?

(IM.MC.MCAIDENTIF.P) 192.624(a)(2) (192.710(a)(2))

#### 3. MCA Identification

Do the records demonstrate MCAs are properly identified and documented with the physical characteristics/attributes, operating conditions, and surrounding environmental conditions of the pipeline? (IM.MC.MCAIDENTIF.R) 192.624(a)(2) (192.710(a)(2);)

#### 4. MCA Identification

Do field observations of select locations indicate MCAs in the field are consistent with operator's most recent documented MCAs?

(IM.MC.MCAIDENTIF.O) 192.624(a)(2) (192.710(a)(2))

#### 5. MCA Identification - Roadways

Do records demonstrate the operator properly identified and applied "covered" roadways that could be affected by the PIR, and therefore considered a "pipeline with an MCA"?

(IM.MC.MCAIDENTIFROAD.R) 192.3 (192.624;192.712)

#### 6. MCA Potential Impact Radius

Is the process for calculating and applying potential impact radius (PIR) for establishment of Moderate Consequence Areas (MCAs) consistent with the requirements of 192.3 and 192.903?

(IM.MC.MCAPIR.P) 192.903 (192.3;192.624(a)(2);192.710)

#### 7. MCA Potential Impact Radius

Do records demonstrate the application of potential impact radius (PIR) for establishment of Moderate Consequence Areas (MCAs) is consistent with the requirements of 192.3 and 192.903?

(IM.MC.MCAPIR.R) 192.903 (192.3;192.624(a)(2);192.710)

#### 8. MCA Identification - Integration

Do the records demonstrate how MCA-identified areas are integrated with the pipeline MAOP, PIR, SMYS, Class, HCAs, and piggability to determine which ones are applicable to 192.624 and 192.710?

(IM.MC.MCAINTEGRATE.R) 192.624(a)(2) (192.710(a)(2))

#### 9. MCA - Identifying New MCAs

Does the process include a requirement for periodic evaluation of new information that creates a new Moderate Consequence Area?

(IM.MC.MCANEW.P) 192.613(a) (192.624(a)(2);192.903;192.5(d);192.3)

#### 10. MCA - Identifying New MCAs

Do records demonstrate new information that creates a new Moderate Consequence Area was periodically collected and evaluated?

(IM.MC.MCANEW.R) 192.613(a) (192.624(a)(2);192.903;192.5(d);192.3)

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#### 11. MCA - Identifying MCAs Needing MAOP Reconfirmation

What is the written procedure for identifying legacy (grandfathered) pipeline segments affecting MCAs which must have their MAOP reconfirmed?

(IM.MC.MAOPRECONFIRM.P) 192.624(a)(2) (192.632(a))

#### 12. MCA - Identifying MCAs Needing MAOP Reconfirmation

Do the records adequately identify legacy (grandfathered) pipeline segments affecting MCAs which must have their MAOP reconfirmed?

(IM.MC.MAOPRECONFIRM.R) 192.624(d) (192.603(b);192.605(b)(1);192.624(a)(2);192.632(a))

#### 13. Initial Assessment Schedule (Outside of HCAs)

What is the process/plan (including the selection criteria, timeline, and use of prior assessments) for performing the initial assessments as required by 192.710(b)(1) and (b)(3)?

(IM.MC.ASSESSSCHED.P) 192.710(b)(1) (192.710(b)(3))

**Note** - See Appendix E (located at the bottom of this document) for "§192.710 Transmission lines: Assessments outside of HCAs" flow chart.

#### 14. Initial Assessment Schedule (Outside of HCAs)

What is the documentation system that includes records showing what specific pipeline segments were assessed (and when) per 192.710(b)(1)?

(IM.MC.ASSESSSCHED.R) 192.710(b)(1) (192.710(b)(3))

**Note** - See Appendix E (located at the bottom of this document) for "§192.710 Transmission lines: Assessments outside of HCAs" flow chart.

#### **15. Periodic Re-Assessments**

Do the procedures require reassessments to be conducted at least once every 10 years or a shorter interval based upon the nature and extent of anomalies discovered in the previous assessment as required by 192.710(b)(2)?

(IM.MC.REASSESSMENTS.P) 192.710(b)(2) (192.710(b)(3);192.939(a))

#### 16. Periodic Re-Assessments

Do the records indicate adequate documentation of and rationale for the reassessment intervals?

(IM.MC.REASSESSMENTS.R) 192.710(b)(2) (192.710(b)(3);192.939(a))

#### 17. Assessment Methods (Outside of HCAs)

Do the procedures include a methodology for conducting the initial assessment of pipeline segments outside of an HCA per 9192.710(c)?

(IM.MC.ASSESSMETHODS.P) 192.710(c)

#### **18. Assessments - Other Technology**

Where the operator has elected to use "Other Technology" (or other technical evaluation process) for assessing pipeline segments, does the process demonstrate an equivalent understanding of the condition of the line pipe for each of the threats to which the pipeline is susceptible?

(IM.MC.OTHERTECH.P) 192.710(c)(7) (192.506(b))

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#### **19. Assessments - Other Technology**

Where the operator has elected to use "Other Technology" (or other technical evaluation process) for assessing pipeline segments, do the records demonstrate an equivalent understanding of the condition of the line pipe for each of the threats to which the pipeline is susceptible?

(IM.MC.OTHERTECH.R) 192.710(c)(7) (192.506(b))

#### 20. Assessments - Anomaly Remediation Criteria

What are the operator-defined anomaly investigation and remediation criteria for MCAs?

(IM.MC.MCAREMEDIATIONCRITERIA.P) 192.710(f) (192.933)

#### 21. Assessments - Anomaly Remediation Criteria

Do the remediation records indicate that conducted remediation activities were conducted in accordance with the procedures?

(IM.MC.MCAREMEDIATIONCRITERIA.R) 192.710(f) (192.933;192.709)

## **IV. Maintenance and Operations - Gas Pipeline MAOP**

#### 1. Maximum Allowable Operating Pressure Determination

Does the process include requirements for determining the maximum allowable operating pressure for a pipeline segment in accordance with 192.619?

(MO.GOMAOP.MAOPDETERMINE.P) 192.605(b)(1) (192.619(a);192.619(b);192.619(f))

#### 3. Maximum Allowable Operating Pressure Determination

Do records indicate determination of the MAOP of pipeline segments in accordance with 192.619 and limiting of the operating pressure as required?

(MO.GOMAOP.MAOPDETERMINE.R) 192.709(c) (192.619(a);192.619(b);192.619(f);192.517)

#### 5. Original MAOP Establishment Method

Do records demonstrate what method(s) from 192.619 were used to determine the pipeline original MAOP on a segment-by-segment basis?

(MO.GOMAOP.MAOPMETHOD.R) 192.619 (192.624(a))

**Note** - See Appendix A (located at the bottom of this document) for "§192.611 Change in Class: MAOP Confirmation or Revision" flow chart.

#### 6. MAOP Reconfirmation - Applicability

Do procedures indicate the pipeline segments for which MAOP reconfirmation is applicable and must be conducted as required by §192.624(a)?

(MO.GOMAOP.MAOPRECONFIRMAPP.P) 192.624(a) (192.619(f))

**Note** - See Appendix C (located at the bottom of this document) for "MAOP Reconfirmation Applicability" flow chart.

#### 7. MAOP Reconfirmation - Completion Dates

Have the procedures been developed and implemented for pipeline segments determined to require MAOP reconfirmation, including timeline and complete dates, as required by §192.624(b)?

(MO.GOMAOP.MAOPRECONFIRMTIME.P) 192.624(b) (192.18)

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#### 8. MAOP Reconfirmation - Completion Dates

Do the records indicate that the operator is making adequate progress towards their implementation timeline / schedule as required by 192.624(b)?

(MO.GOMAOP.MAOPRECONFIRMTIME.R) 192.624(b) (192.614(a))

#### 9. MAOP Reconfirmation - Methods

Are the procedures for conducting MAOP reconfirmation adequate for the methods used (or intended to be used) as required by §192.624(c)?

(MO.GOMAOP.MAOPRECONFIRMMETH.P) 192.624(c) (192.18;192 Subpart J;192.619(a)2);192.632)

**Note** - See Appendix D (located at the bottom of this document) for MAOP Reconfirmation Methods 2 and 5 flow charts.

#### **10. MAOP Reconfirmation - Recordkeeping**

Do the MAOP reconfirmation procedures require recordkeeping in accordance with 192.624(d) for the life of the pipeline?

(MO.GOMAOP.MAOPRECONFIRMREC.P) 192.624(b) (192.624(d);192.619(f))

#### 11. MAOP Reconfirmation - Recordkeeping

Do the MAOP reconfirmation records meet the requirements of 192.624(d) and are they retained for the life of the pipeline?

(MO.GOMAOP.MAOPRECONFIRMREC.R) 192.624(d) (192.517;192.624(b);192.619(f))

#### 12. MAOP Reconfirmation - Non-Line Pipe Components

Do the MAOP reconfirmation methods for the applicable portions of the facilities (i.e., Compressor Stations, Meter & Regulating Stations) ensure that material properties are available to support the MAOP?

(MO.GOMAOP.MAOPRECOMPONENTS.P) 192.624 (192.607(e);192.607(f);192.619)

**Note** - See Appendix B (located at the bottom of this document) for PHMSA's "192.607(f) Component Applicability Diagrams."

#### 13. MAOP Reconfirmation - Non-Line Pipe Components

Do the records identify all non-line pipe components requiring MAOP reconfirmation (e.g., compressor and meter stations)?

(MO.GOMAOP.MAOPRECOMPONENTS.R) 192.624 (192.607(e);192.607(f);192.619)

**Note** - See Appendix B (located at the bottom of this document) for PHMSA's "192.607(f) Component Applicability Diagrams."

#### 2. Operations within MAOP Limits

Does the process include requirements for starting up and shutting down any part of the pipeline in a manner to assure operation with the MAOP limits, plus the build-up allowed for operation of pressure-limiting and control devices?

(MO.GOMAOP.MAOPLIMIT.P) 192.605(a) (192.605(b)(5))

#### 4. Operations within MAOP Limits

Do records indicate operation within MAOP limits, plus the build-up allowed for operation of pressure-limiting and control devices, was assured while starting up and shutting down any part of the pipeline?

(MO.GOMAOP.MAOPLIMIT.R) 192.603(b) (192.605(b)(5))

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#### **14. MAOP Reconfirmation - Observations**

Do field observations of selected MAOP reconfirmation method(s) or related activities verify that the method employed conforms with the operator-established procedures?

(MO.GOMAOP.MAOPRECONFIRMATION.O) 192.624(c) (192.505;192.506;192.607)

## V. Integrity Management - Material Verification

#### 1. Material Verification - Line Pipe Program

What is the process (or program) for determining and collecting material verification records for line pipe to meet the requirements of §§ 192.619(a)(4), 192.624, 192.607, and 192.712?

(IM.RECONF.MATVERPROG.P) 192.607 (192.613;192.619;192.624;192.632;192.712)

#### 2. Material Verification - Line Pipe Program Recordkeeping

Does the line pipe material verification documentation (records) of material properties and attributes demonstrate compliance with §192.607(b)?

(IM.RECONF.MATVERPROG.R) 192.607(b)

#### 3. Material Verification - Program for Non-Line Pipe Components

Does the process (or program) include determining which mainline pipeline components other than line pipe are subject to the verification of material properties and attributes requirements of 192.607(f)?

(IM.RECONF.MATVERCOMPONENTS.P) 192.607(f) (192.607;192.624;192.712)

**Note** - See Appendix B (located at the bottom of this document) for PHMSA's "192.607(f) Component Applicability Diagrams."

#### 4. Material Verification - Program for Non-Line Pipe Components Recordkeeping

Does the verification documentation (records) of material properties and attributes for mainline pipeline components other than line pipe demonstrate compliance with §192.607(f)?

(IM.RECONF.MATVERCOMPONENTS.R) 192.607(f)

**Note** - See Appendix B (located at the bottom of this document) for PHMSA's "192.607(f) Component Applicability Diagrams."

#### 5. Material Verification - Opportunistic Digs

Do the procedures define when an open excavation requires material verification and when it does not? (i.e., what meets the criteria of an opportunistic dig?)

(IM.RECONF.MATVEROPPORTUN.P) 192.607(c) (192.607;192.624;192.632;192.712)

#### 6. Material Verification - Opportunistic Digs

Do field observations indicate that the opportunistic digs and testing conducted in the field meet the requirements of the procedures?

(IM.RECONF.MATVEROPPORTUN.O) 192.607(c) (192.607;192.624;192.632;192.712)

#### 7. Material Verification - Testing Methods

What type(s) of NDT or destructive testing methods (i.e., ILI, in situ testing, etc.) is/are included in the procedures?

(IM.RECONF.MATVERMETHODS.P) 192.607(c) (192.607(d);192.624;192.712)

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#### 8. Material Verification - Testing Methods

Do the records indicate the type(s) of NDT or destructive testing methods used comply with the procedures?

(IM.RECONF.MATVERMETHODS.R) 192.607(b)

#### 9. Material Verification - Population Groups

If the operator plans to establish population groups, does the method employed meet the requirements of 192.607(e)?

(IM.RECONF.MATVERPOPGROUPS.P) 192.607(e) (192.624;192.607;192.712)

#### **10. Material Verification - Population Groups**

Where the operator has established population groups, do the records support operator's approved methods and comply with 192.607(e)?

(IM.RECONF.MATVERPOPGROUPS.R) 192.607(e)

## VI. Assessment and Repair - Repair Criteria (O&M)

#### 6. Predicted Failure Pressure – Anomaly Analysis

Do the procedures for evaluating the anomalies and predict failure pressure(s) require data collection, analysis, and SME review of the anomalies at the location of each anomaly or defect per §192.712?

(AR.RCOM.PREDFAILANOMALY.P) 192.712 (192.607)

#### 7. Predicted Failure Pressure - Anomaly Analysis

Do the records indicate the data required by §192.712(g) was collected and supports the predicted failure analysis?

(AR.RCOM.PREDFAILANOMALY.R) 192.712(g) (192.712(e))

#### 8. Predicted Failure Pressure - ECA Analysis

When the operator elects to use ECA for MAOP reconfirmation (per 192.624(c)(3)), or is required to conduct a 192.712 anomaly evaluation, does the ECA meet the requirements of 192.632?

(AR.RCOM.PREDFAILUREECA.P) 192.632 (192.624(c);192.712)

#### 9. Predicted Failure Pressure - ECA Analysis

When the operator is required to conduct a 192.712 anomaly evaluation or elects to use ECA for MAOP reconfirmation (per 192.624(c)(3)), do the records indicate the ECA was conducted in accordance with the procedures?

(AR.RCOM.PREDFAILUREECA.R) 192.632(e) (192.624(c);192.712)

## VII. Assessment and Repair - Integrity Assessment Via Pressure Test

#### 9. Assessments - Spike Hydrotests

Do the procedures for selecting pipeline assessment methods specifically include spike hydrotests as the assessment method for detecting time-dependent threats?

(AR.PTI.SPIKEHYDRO.P) 192.506(a) (192.505;192.710(c)(3);192.921(a)(3))

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#### **10.** Assessments - Spike Hydrotests

Do prior hydrotest records indicate whether any time-dependent threats were present, and how were they addressed?

(AR.PTI.SPIKEHYDRO.R) 192.506(a) (192.505;192.710(c)(3);192.921(a)(3))

## **VIII.** Maintenance and Operations - Gas Pipeline Operations

#### 14. Launcher and Receiver Safety

Do the procedures require all launchers and receivers to have adequate safety devices in accordance with 192.750 and to ensure the safety devices are working properly just prior to each use?

(MO.GO.TRAPSAFETY.P) 192.750 (192.605(b);192.801;192.805)

#### **15. Launcher and Receiver Safety**

Does the operator maintain a list of its launchers and receivers to demonstrate whether all launchers and receivers have safety devices installed and whether the safety devices were inspected prior to each use?

(MO.GO.TRAPSAFETY.R) 192.750 (192.605(b);192.801;192.805)

#### **16.** Launcher and Receiver Safety

Do field observations confirm selected launchers and receivers have safety devices installed and whether the safety devices were inspected prior to each use?

(MO.GO.TRAPSAFETY.O) 192.750 (192.605(b);192.801;192.805)

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## APPENDICES

### Appendix A - §192.611 Change in Class: MAOP Confirmation or Revision - Flow Chart



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## Appendix B - §192.607(f) Component Applicability Diagrams



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## §192.607(f) Components - Recap

• FAQ-37. Is MAOP reconfirmation required for non-line pipe and components within appurtenant facilities, including compressor, meter, and pressure-limiting stations?

Yes. Line pipe and non-line pipe within compressor, meter, and pressurelimiting stations, including bypasses (up to the station emergency shutdown or isolation valves), are subject to § 192.624 and must be incorporated into the operator's MAOP reconfirmation program. PHMSA expects the operator to examine or assess the pressure rating for all aboveground components. For buried components, PHMSA expects operators to implement a sampling program similar to that required for line pipe per § 192.607(e). Under § 192.607(f), testing of components for chemical and mechanical properties is not required.



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# §192.607(f) Components Applicability

The diagrams on the following slides provide guidance for Gas Rule §192.607 component applicability to the following Gas Transmission pipelines:

- 1) Operating per §192.619(a) in Class 3, 4, or HCA areas, OR
- Operating per §192.619(c) in Class 3, 4, HCA areas, or MCAs (regardless of class loc.) operating over 30% SMYS and Piggable.
- Operating to Maximum Safe Pressure defined in §192.619(a)(4); however, would apply to any Class Location.



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# Compressor Station - Traps Isolated



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## Appendix C - §192.624 MAOP Reconfirmation Applicability - Flow Chart



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## Appendix D.1 - §192.624 MAOP Reconfirmation Methods - (Method 2)



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## Appendix D.2 - §192.624 MAOP Reconfirmation Methods - (Method 5)



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## Appendix E - §192.710 Transmission lines: Assessments outside of HCAs

