

Gas Operations and

Conversion of Service Maintenance Manual Description The purpose of this procedure is to convert steel pipelines that have not been previously operated under 49 CFR Part 192 to service under this part. Regulatory Pipelines converted to service regulated by 49 CFR Part 192. Applicability Regulated Transmission Pipelines Regulated Gathering Pipelines (Type A) \boxtimes Regulated Gathering Pipelines (Type B)¹ Frequency As needed Reference 49 CFR 192.14 Conversion to Service Subject to This Part 49 CFR 192.452 Applicability to Converted Pipelines LA Title 43 Part XIII 514 Conversion to Service Subject to This Part LA Title 43 Part XIII 2103 Applicability to Converted Pipelines Forms / Record F-192.14 Conversion of Service / Life of Pipeline System Retention Related None Specifications **OQ** Covered Review the covered task list at the time of conversion to determine which tasks Task are being performed in the field and ensure individuals are qualified. (In order to perform the tasks listed above, personnel must be qualified in accordance with West Texas Gas's Operator Qualification program or directly supervised by a qualified individual.)

¹ If the line is new, replaced, relocated or changed.



Procedure Steps

- 1. Review records of the pipeline design, construction, operation, and maintenance history to determine whether or not the pipeline is in satisfactory condition. (Form 192.14)
- 2. If available historical records are insufficient to determine that the pipeline is in satisfactory condition, perform needed tests on the pipeline to determine if the pipeline is in satisfactory condition.
- 3. Visually inspect the pipeline right-of-way on all above-ground segments and selected underground segments for physical defects that could impair the pipeline.
- 4. Correct all known unsafe defects and conditions.
- 5. Pressure test the line in accordance with Procedure P-192.501: *Steel Pipeline Pressure Test Requirements* to substantiate the maximum allowable operating pressure (MAOP).
- 6. Determine the Maximum Allowable Operating Pressure (using procedure P-192.619).

Note: If any variable required determining the design pressure under 49 CFR 192.105 is unknown, one of the following pressures is to be used as design pressure:

 80% of the first test pressure that produces a yield under section N5 of ASME B31.8, Appendix N, to produce a stress equal to the yield strength, reduced by the appropriate factor from the table below; or

Class Location	Factors ²
1	1.25
2	1.25
3	1.5
4	1.5

- If the pipe is 12 ³/₄ inches or less in outside diameter and is not tested to yield, 200 psi.
- 7. Pressure-test the line to substantiate the new line MAOP (using procedure P-192.501).
- 8. Determine corrosion protection requirements (using procedure P-192.455). Install corrosion protection equipment as needed.
- 9. Complete all forms and distribute as appropriate. Retain a copy in the DOT file for the life of the pipeline.

 $^{^{2}}$ For offshore segments installed, uprated or converted after July 31, 1977, that are not located on an offshore platform, the factor is 1.25. For segments installed, uprated or converted after July 31, 1077, that are located on an offshore platform or on a platform in inland navigable waters, including a pipe rider, the factor is 1.5.