



Description To prescribe the minimum steps required to remediate cathodic protection for distribution systems installed prior to August 1, 1971, and under mandatory or voluntary cathodic protection.

**Regulatory
Applicability**

- Regulated Transmission Pipelines
 - Regulated Gathering Pipelines (Type A)
 - Regulated Gathering Pipelines (Type B)
 - Regulated Distribution Pipelines Installed before August 1, 1971
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Frequency

When active corrosion is found.

Reference

49 CFR 192.483 *Remedial Measures: General*
49 CFR 192.487 *Remedial Measures: Distribution Lines*
49 CFR 192.465(d) *Remedial Action to Correct Defects*

Forms

F-192.455 *Installation of Cathodic Protection System*

**Related
Specifications**

ASME/ANSI B31G
AGA Pipeline Research Committee Project PR-805 (with RSTRENG disk)

**OQ Covered
Task**

0081 *Install Cathodic Protection Electrical Isolation
Devices*
0091 *Troubleshoot In-service Cathodic Protection
Systems*

(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.)



Procedure Steps

1. Identify the offending segment of pipeline where “active corrosion” exists. (Active corrosion is defined as continuing corrosion that, unless controlled, could result in a condition that is detrimental to public safety.
2. Make appropriate repairs/improvements to the cathodic protection system in an attempt to control the corrosion. Install any additional facilities according to procedure P-192.455.
3. If attempts to repair/improve the cathodic protection system are infeasible or prove unsuccessful, replace the offending segment of steel pipe with polyethylene pipe.