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| Description | This procedure describes the requirements for re-evaluating unprotected pipe after conducting the initial evaluation required by 49 CFR 192.455 (b), (c) and 192.457(b) and determining if they need to be cathodically protected in accordance with 49 CFR 192.452, 455 or 457. | |
| Regulatory Applicability | All unprotected DOT gas pipelines <input checked="" type="checkbox"/> Regulated Transmission Pipelines <input checked="" type="checkbox"/> Regulated Gathering Pipelines (Type A) <input checked="" type="checkbox"/> Regulated Gathering Pipelines (Type B) <input checked="" type="checkbox"/> Regulated Distribution Pipelines | |
| Frequency | Once every 3 years, not to exceed 39 months | |
| Reference | 49 CFR 192.465 <i>External Corrosion Control: Monitoring</i> 16 TAC Rule 8.203 <i>Supplemental Regulations</i> LA Title 43 Part XIII 2117 <i>External Corrosion Control: Monitoring</i> | |
| Forms / Record Retention | F-192.465(e) System | <i>Re-evaluation of Unprotected Pipelines / Life of Pipeline</i> |
| Related Specifications | None | |
| OQ Covered Task | 0001 <i>Measure Structure-to-Electrolyte Potential Surveys</i> 0011 <i>Conduct Close Interval Survey</i> 0021 <i>Measure Soil Resistivity</i> | |
| | (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

NOTE: If an electrical survey is impractical, areas of active corrosion may be determined by other means that include review and analysis of leak repair and inspection records, corrosion monitoring records, exposed pipe inspection records, and the pipeline environment. (“Active Corrosion is defined as continuing corrosion which, unless controlled, could result in a condition that is detrimental to public safety.”)

1. Visually inspect below-ground unprotected pipe that is naturally accessible, if applicable, for active corrosion.
2. Determine areas of active corrosion by electrical survey or where affected by other means that include review and analysis of leak repair and inspection record, corrosion monitoring records, exposed pipe inspection records, and other effective means, documented by data substantiating results and determinations.

NOTE: If a leakage survey issued to determine the area of active corrosion, the survey frequency must be increased to monitor the corrosion rate and control the condition. The detection equipment must have the sensitivity adequate to detect gas concentration below the lower explosive limit and be suitable for such use.

3. Cathodically protect areas that contain “active corrosion”. Follow procedure P-192.455.
4. Evaluate the MAOP of the pipeline and revise as necessary. Follow procedure P-192.619.
Repair as necessary. Follow procedure P-192.711.