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| UST Owner/Operator Requirements:   1. Impressed current cathodic protection systems shall be inspected at the following frequency:  |  |  |  | | --- | --- | --- | | Standard | Testing Frequency |  | | Acceptable system operating voltage and amperage ranges (a) determined by corrosion expert and (b) affixed to each rectifier.  Inspected in accordance with:   1. Manufacturer’s specifications; 2. NACE Test Method: TM0101-2012 (Tank); or 3. NACE Test Method: TM0497-2012 (Piping) | Every 60 days. |  | | Voltage and amperage reading outside the acceptable range is considered a failed test. | Within 5 days of a failed test, the O/O shall retain a corrosion expert to determine the cause of the failed test and repair or replace the system within 120 days of the date of the failed test. |  |  1. Repaired/replaced systems shall be retested within 60 days of repair or excavation at the UST system. 2. If repair/replacement is not completed within 120 days of the date of the failed test, the UST system shall be taken temporarily out of service, removed or closed in-place, if applicable. 3. All cathodic testing must be performed by a cathodic protection tester certified by: NACE, The Steel Tank Institute, or the International Code Council. 4. All records in a hard copy or electronic log shall be maintained for a minimum of four years, including corrosion expert’s determination of cause of system failure. | | | | | | |
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| **Facility Name** |  | | | | **UST ID#** |  |
| **Acceptable Voltage Range** | |  | **Acceptable Amperage Range** | | |  |
|  | | | | | | |
| Inspection **Date**: |  | | | | | |
| Voltage Reading |  | | | Pass | | Fail |
| Amperage Reading |  | | | Pass | | Fail |
| If voltage **and** amperage readings are outside their acceptable ranges it is deemed a failed test, and the cathodic protection system must be repaired or replaced within 120 days of the failed test. **Date cathodic protection system repaired or replaced:** | | | | | |  |
| **Date** repaired or replaced cathodic protection system retested (w/in 60 days of repair/replacement): | | | | | |  |
|  | | | | | | |
| Inspection **Date**: |  | | | | | |
| Voltage Reading |  | | | Pass | | Fail |
| Amperage Reading |  | | | Pass | | Fail |
| If voltage **and** amperage readings are outside their acceptable ranges it is deemed a failed test, and the cathodic protection system must be repaired or replaced within 120 days of the failed test. **Date cathodic protection system repaired or replaced:** | | | | | |  |
| **Date** repaired or replaced cathodic protection system retested (w/in 60 days of repair/replacement): | | | | | |  |
| Inspection **Date**: |  | | | | | |
| Voltage Reading |  | | | Pass | | Fail |
| Amperage Reading |  | | | Pass | | Fail |
| If voltage **and** amperage readings are outside their acceptable ranges it is deemed a failed test, and the cathodic protection system must be repaired or replaced within 120 days of the failed test. **Date cathodic protection system repaired or replaced:** | | | | | |  |
| **Date** repaired or replaced cathodic protection system retested (w/in 60 days of repair/replacement): | | | | | |  |
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| Inspection **Date**: |  | | | | | |
| Voltage Reading |  | | | Pass | | Fail |
| Amperage Reading |  | | | Pass | | Fail |
| If voltage **and** amperage readings are outside their acceptable ranges it is deemed a failed test, and the cathodic protection system must be repaired or replaced within 120 days of the failed test. **Date cathodic protection system repaired or replaced:** | | | | | |  |
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| Inspection **Date**: |  | | | | | |
| Voltage Reading |  | | | Pass | | Fail |
| Amperage Reading |  | | | Pass | | Fail |
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| Inspection **Date**: |  | | | | | |
| Voltage Reading |  | | | Pass | | Fail |
| Amperage Reading |  | | | Pass | | Fail |
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| **Date** repaired or replaced cathodic protection system retested (w/in 60 days of repair/replacement): | | | | | |  |
|  | | | | | | |
| Inspection **Date**: |  | | | | | |
| Voltage Reading |  | | | Pass | | Fail |
| Amperage Reading |  | | | Pass | | Fail |
| If voltage **and** amperage readings are outside their acceptable ranges it is deemed a failed test, and the cathodic protection system must be repaired or replaced within 120 days of the failed test. **Date cathodic protection system repaired or replaced:** | | | | | |  |
| **Date** repaired or replaced cathodic protection system retested (w/in 60 days of repair/replacement): | | | | | |  |