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| Facility I.D.# | e | | CPTEST | | | | | |
|--|--|-------------|--|--|--|--|--|--|
| | AMA DEPARTMENT OF EI | | | | | | | |
| CATHODIC PROTECTION MONITORING FORM FOR IMPRESSED CURRENT SYSTEMS | | | | | | | | |
| Questions on how to complete this form should be directed to the Groundwater Branch, UST Compliance Section at (334) 270-5655 | | | | | | | | |
| Impressed Current cathodic protection systems must be tested: a. In accordance with the latest edition code of practice established by the National Association of Corrosion Engineers (TM0101), b. By a qualified cathodic protection tester within 1 month of installation and repair of any portion of the UST system, and every 3 years. Please use photocopies of the appropriate pages if you have more than 4 tanks at any one location. Please remove all pages that do not apply to the site. Submit a completed form for all tanks and piping using cathodic protection within 30 days of completing the test by fax to (334) 270-5631, | | | | | | | | |
| | Post Office Box 301463, Montgome | | artment of Environmental Management, Groundwater 130-1463. | | | | | |
| 5. The UST owner is required to keep | p a record of these tests for 3 years | from the | date of the test on a form acceptable to the Department. | | | | | |
| Facility Inf | ormation | R | Reason Testing Was Conducted (mark only one) | | | | | |
| Site Name: | | | Routine test within 1 month of installation | | | | | |
| Address: City, C | County, State, Zip, Country: | | Routine 3-year test | | | | | |
| Site Latitude Longitu | ıde | | Test within 1 month of repair | | | | | |
| Owner Inf | ormation | | General Information | | | | | |
| Owner: | | | of Testing: | | | | | |
| Address: | | | erature: | | | | | |
| City, State, Zip Code, Country: | | | er Conditions: | | | | | |
| Phone Number: Fax | | | Backfill Material: | | | | | |
| | Underground Storage Ta | | ility Site Drawing s, fill pipes, tank monitor, vapor recovery connections, piping, | | | | | |
| 3. For each tank, include ADEM unique | .g. S1, S2) as used in the tables on th a tank number and/or product stored. tions and structure contact locations u | Use the let | tter and number designations from the tables on the following | | | | | |

Facility I.D.#

CPTEST

Underground Storage Tanks Continuity Test Results (Impressed Current Systems)

1. The "Location Code" must be used to locate the reference cell and structure contact points on the drawing of the facility as discussed on page 1.

Record continuity test measurements using the "Fixed Cell, Moving Ground Technique", or the structure-to-structure "Potential Difference Technique".
 When using the "Fixed Cell, Moving Ground Technique":

a. The reference cell must be placed in the soil at a location remote from the UST system (not within potential gradient of anodes or shielded by other tanks or structures) and left undisturbed until continuity testing is completed.

b. Only "Instant-Off Potential" measurements should be used to determine continuity.

4. When using the structure-to-structure "Potential Difference Technique", power to the rectifier should be turned off.

If a continuity method fails to conclusively show continuity, another method may be used. If another method indicates continuity, the system passes.
 Metallic structures are <u>continuous</u> when the "Instant-Off Potential" or "Off Potential" difference between two structures is 10 mv or less, <u>isolated</u> when greater than 10 mv.

7. All single and double wall metal tanks and piping, and all other metallic tank system structures which routinely contain product, <u>must be</u> continuous with each other in order to pass the continuity test.

| Location Code | Reference Cell Location and | | On or Off Potential | Instant-Off Potential @ | Results/Comments (Mark the one that does NOT apply) |
|------------------|--|------------------|--------------------------|----------------------------|--|
| | Structure Contact Points (Check all available points) | | (negative millivolts) | (negative millivolts) | |
| R <u>1</u> | | * | | | |
| Tank (# |), ADEM Unique Tank # and/or Grade of | [•] Pro | duct Stored | | , Size in Gallons |
| S | (Tank bottom)(test lead)() | ** | - mv | - mv | (continuous) (isolated) |
| S | Submersible pump | | - mv | - mv | (continuous) (isolated) |
| S | Fill pipe | | - mv | - mv | (continuous) (isolated) |
| S | Tank monitor | | - mv | - mv | (continuous) (isolated) |
| S | Vapor recovery connection | | - mv | - mv | (continuous) (isolated) |
| S | Vent line | | - mv | - mv | (continuous) (isolated) |
| S | Rectifier Negative | | - mv | - mv | (continuous) (isolated) |
| S | Other** | | - mv | - mv | (continuous) (isolated) |
| S | Other** | | - mv | - mv | (continuous) (isolated) |
| Tank (# | _), ADEM Unique Tank # and/or Grade of | Pro | | | , Size in Gallons |
| S | (Tank bottom)(test lead)() | ** | - mv | - mv | (continuous) (isolated) |
| S | Submersible pump | | - mv | - mv | (continuous) (isolated) |
| S | Fill pipe | | - mv | - mv | (continuous) (isolated) |
| S | Tank monitor | | - mv | - mv | (continuous) (isolated) |
| S | Vapor recovery connection | | - mv | - mv | (continuous) (isolated) |
| S | Vent line | | - mv | - mv | (continuous) (isolated) |
| S | Rectifier Negative | | - mv | - mv | (continuous) (isolated) |
| S | Other** | | - mv | - mv | (continuous) (isolated) |
| S | Other** | | - mv | - mv | (continuous) (isolated) |
| Tank (# | _), ADEM Unique Tank # and/or Grade of | Pro | | | , Size in Gallons |
| S | (Tank bottom)(test lead)() | ** | - mv | - mv | (continuous) (isolated) |
| S | Submersible pump | | - mv | - mv | (continuous) (isolated) |
| S | Fill pipe | | - mv | - mv | (continuous) (isolated) |
| S | Tank monitor | | - mv | - mv | (continuous) (isolated) |
| S | Vapor recovery connection | | - mv | - mv | (continuous) (isolated) |
| S | Vent line | | - mv | - mv | (continuous) (isolated) |
| S | Rectifier Negative | | - mv | - mv | (continuous) (isolated) |
| S | Other** | | - mv | - mv | (continuous) (isolated) |
| S | Other** | | - mv | - mv | (continuous) (isolated) |
| Tank (# |), ADEM Unique Tank # and/or Grade of | Pro | | | , Size in Gallons |
| <u>s</u> | (Tank bottom)(test lead)() | ** | - mv | - mv | (continuous) (isolated) |
| S | Submersible pump | | - mv | - mv | (continuous) (isolated) |
| <u>S</u> | Fill pipe | | - mv | - mv | (continuous) (isolated) |
| S | Tank monitor | | - mv | - mv | (continuous) (isolated) |
| S | Vapor recovery connection | | - mv | - mv | (continuous) (isolated) |
| S | Vent line | | - mv | - mv | (continuous) (isolated) |
| S | Rectifier Negative | _ | - mv | - mv | (continuous) (isolated) |
| S | Other** | | - mv | - mv | (continuous) (isolated) |
| S | Other** | | - mv | - mv | (continuous) (isolated) |

Record "On Potential" when using "Applied Current Technique" and "Off Potential" when using structure-to-structure "Potential Difference Technique".
 The lowest reading observed during a 2.5 or 3 second power interruption. Not required for structure-to-structure "Potential Difference Technique".

*Describe reference cell location for "Fixed Cell, Moving Ground Technique". *N/A for structure-to-structure "Potential DifferenceTechnique"*. **Indicate base structure contact point. Mark all that do NOT apply. *Make sure tank is not internally lined before using tank bottom.*

***Describe location of any other contact points measured.

| | Facility I.D.# | | | - | | CPTEST | | | | |
|--|--|---|--|---|---|---|---|--|---|--|
| Underground Storage Tanks Structure-to-Soil Test Results (Impressed Current Systems) | | | | | | | | | | |
| For tanks, possible a All single "Instant-0 | ation Code" must be used to locate the reference a minimum of 3 voltage measurements must be and the others while the reference cell is placed i a and double wall metal tanks and piping, and Off Voltage" measurements equal to or more a from corrosion and pass the structure-to-so | e cell e tak in the d all i neg | and structure co en; one while the e soil as close as metallic tank sy ative than –850 | ontac e refe s pos ster | t points on the erence cell is pl sible to each e n structures w | drawing o laced in th nd of the t hich rout | f the facil e soil as ank (but inely co i | lity as c close to not dire ntain p | discussed o o the middle ectly over a roduct, mu | e of the tank as nodes). Ist have |
| Location Code | Structure Contact Point and Reference Cell Locations | | On Voltage (negative millivolts) | (negative Voltag | | e Voltage Ø ive or Native | | Voltage Change @ (millivolts) | | Results (Mark the one that does NOT apply) |
| Tank (# |) | | | | | | | | | |
| S | (Tank bottom)(test lead)() | * | | | | | | | | |
| <u>R</u> | Soil near submersible pump manway | \rightarrow | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R R | Soil near tank monitor manway | + | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R | Soil near vapor recovery manway Soil near vent riser | | - mv - mv | - | mv | - | mv | + | mv | (pass) (fail) (pass) (fail) |
| R | Other ** | | - mv - mv | - | mv mv | - | mv mv | ++ | mv mv | (pass) (fail) (pass) (fail) |
| R | Other ** | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R | Other ** | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R | Other ** | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| Tank (# |) | | 1110 | | 1110 | | 1110 | | 1110 | (puss) (iuii) |
| S | | * | | | | | | | | |
| R | Soil near submersible pump manway | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R | Soil near tank monitor manway | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R | Soil near vapor recovery manway | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R | Soil near vent riser | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R | Other ** | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R | Other ** | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R | Other ** | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R | Other** | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| Tank (# |) | | | | | | | | | //_/_/_/_/ |
| S | (Tank bottom)(test lead)() | * | | | | | | | | |
| R | Soil near submersible pump manway | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R | Soil near tank monitor manway | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R | Soil near vapor recovery manway | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R | Soil near vent riser | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R | Other** | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R | Other** | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R | Other** | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R | Other** | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| Tank (# | | | | | | | | | | |
| <u> s </u> | (Tank bottom)(test lead)()* | × | | | | | | | | / |
| R | Soil near submersible pump manway | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R | Soil near tank monitor manway | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| <u>R</u> | Soil near vapor recovery manway | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| <u>R</u> | Soil near vent riser | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| <u>R</u> | | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R R | | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| | | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R | Other** reading observed during a 2.5 or 3 second power | <u> </u> | - mv | - | mv | - | mv | + | mv | (pass) (fail) |

The lowest reading observed during a 2.5 or 3 second power interruption.
After power interruption, the first reading that is at least 100 mv lower than the "Instant-Off Voltage" measurement.
The structure-to-soil potential prior to cathodic protection being applied. This may only be used to determine the "Voltage Change" at startup of the The structure to solid potential profile (attroute protection being applied. This may only be used to determine the "onlage online" or corrosion protection system.
The difference between the "Instant-Off Voltage" and the "Ending Voltage" or "Native Voltage".
*Indicate base structure contact point. Mark all that do NOT apply. Make sure tank is not internally lined before using tank bottom.

**Describe location of any other reference cell locations used.

Facility I.D.#

CPTEST

Underground Metal Product Piping Continuity Test Results (Impressed Current Systems)

1. The "Location Code" must be used to locate the reference cell and structure contact points on the drawing of the facility as discussed on page 1.

2. Record continuity test measurements using the "Fixed Cell, Moving Ground Technique", or the structure-to-structure "Potential Difference Technique". 3. When using the "Fixed Cell, Moving Ground Technique":

a. The reference cell must be placed in the soil at a location remote from the UST system (not within potential gradient of anodes or shielded by other tanks or structures) and left undisturbed until continuity testing is completed.

b. Only "Instant-Off Potential" measurements should be used to determine continuity.

4. When using the structure-to-structure "Potential Difference Technique", power to the rectifier should be turned off.

5. If a continuity method fails to conclusively show continuity, another method may be used. If another method indicates continuity, the system passes. 6. Metallic structures are continuous when the "Instant-Off Potential" or "Off Potential" difference between two structures is 10 mv or less, isolated when greater than 10 mv.

7. All single and double wall metal tanks and piping, and all other metallic tank system structures which routinely contain product, must be continuous with each other in order to pass the continuity test

| Location Code | Reference Cell Location and Structure Contact Points (Check all available points) | | On or Off Potential 0 (negative millivolts) | Instant-Off Potential@ (negative millivolts) | Results/Comments (Mark the one that does NOT apply) | | | |
|------------------|--|---------|---|---|--|--|--|--|
| R <u>1</u> | | * | | | | | | |
| Tank (# |), Metal Piping, Type of Metal (steel) | (coppe | <i>/</i> / |) Approxir | nate Length of Piping in Feet | | | |
| S | (Tank bottom)(test lead)(|)** | - mv | - mv | (continuous) (isolated) | | | |
| S | (Piping)(flex conn.) at dispenser # | ** | - mv | - mv | (continuous) (isolated) | | | |
| S | (Piping)(flex conn.) at dispenser # | ** | - mv | - mv | (continuous) (isolated) | | | |
| S | (Piping)(flex conn.) at dispenser # | ** | - mv | - mv | (continuous) (isolated) | | | |
| S | (Piping)(flex conn.) at dispenser # | ** | - mv | - mv | (continuous) (isolated) | | | |
| S | (Piping)(flex conn.) at dispenser # | ** | - mv | - mv | (continuous) (isolated) | | | |
| S | (Piping)(flex conn.) at dispenser # | ** | - mv | - mv | (continuous) (isolated) | | | |
| S | (Piping)(flex conn.) at dispenser # | ** | - mv | - mv | (continuous) (isolated) | | | |
| S | Other | *** | - mv | - mv | (continuous) (isolated) | | | |
| Tank (# | | | er)(|) Approxir | nate Length of Piping in Feet | | | |
| S | (Piping)(flex conn.) at dispenser # | ** | - mv | - mv | (continuous) (isolated) | | | |
| S | (Piping)(flex conn.) at dispenser # | ** | - mv | - mv | (continuous) (isolated) | | | |
| S | (Piping)(flex conn.) at dispenser # | ** | - mv | - mv | (continuous) (isolated) | | | |
| S | (Piping)(flex conn.) at dispenser # | ** | - mv | - mv | (continuous) (isolated) | | | |
| S | (Piping)(flex conn.) at dispenser # | ** | - mv | - mv | (continuous) (isolated) | | | |
| S | (Piping)(flex conn.) at dispenser # | ** | - mv | - mv | (continuous) (isolated) | | | |
| S | (Piping)(flex conn.) at dispenser # | ** | - mv | - mv | (continuous) (isolated) | | | |
| S | Other | *** | - mv | - mv | (continuous) (isolated) | | | |
| S | Other | *** | - mv | - mv | (continuous) (isolated) | | | |
| 「ank (# |), Metal Piping, Type of Metal (steel) | (coppe | er)(|) Approxir | nate Length of Piping in Feet | | | |
| S | (Piping)(flex conn.) at dispenser # | ** | - mv | - mv | (continuous) (isolated) | | | |
| S | (Piping)(flex conn.) at dispenser # | ** | - mv | - mv | (continuous) (isolated) | | | |
| S | (Piping)(flex conn.) at dispenser # | ** | - mv | - mv | (continuous) (isolated) | | | |
| S | (Piping)(flex conn.) at dispenser # | ** | - mv | - mv | (continuous) (isolated) | | | |
| S | (Piping)(flex conn.) at dispenser # | ** | - mv | - mv | (continuous) (isolated) | | | |
| S | (Piping)(flex conn.) at dispenser # | ** | - mv | - mv | (continuous) (isolated) | | | |
| S | (Piping)(flex conn.) at dispenser # | ** | - mv | - mv | (continuous) (isolated) | | | |
| S | Other | *** | - mv | - mv | (continuous) (isolated) | | | |
| S | Other | *** | - mv | - mv | (continuous) (isolated) | | | |
| Tank (# |), Metal Piping, Type of Metal (steel) |) (copp | er)(|) Approxi | mate Length of Piping in Feet | | | |
| S | (Piping)(flex conn.) at dispenser # | ** | - mv | - mv | (continuous) (isolated) | | | |
| S | (Piping)(flex conn.) at dispenser # | ** | - mv | - mv | (continuous) (isolated) | | | |
| S | (Piping)(flex conn.) at dispenser # | ** | - mv | - mv | (continuous) (isolated) | | | |
| S | (Piping)(flex conn.) at dispenser # | ** | - mv | - mv | (continuous) (isolated) | | | |
| S | (Piping)(flex conn.) at dispenser # | ** | - mv | - mv | (continuous) (isolated) | | | |
| S | (Piping)(flex conn.) at dispenser # | ** | - mv | - mv | (continuous) (isolated) | | | |
| S | (Piping)(flex conn.) at dispenser # | ** | - mv | - mv | (continuous) (isolated) | | | |
| S | Other | *** | - mv | - mv | (continuous) (isolated) | | | |
| <u>s</u> | Other | *** | - mv | - mv | (continuous) (isolated) | | | |

• Record "On Potential" when using "Applied Current Technique" and "Off Potential" when using structure-to-structure "Potential Difference Technique". • The lowest reading observed during a 2.5 or 3 second power interruption. Not required for structure-to-structure "Potential Difference Technique".

*Describe reference cell location for "Fixed Cell, Moving Ground Technique". N/A for structure-to-structure "Potential DifferenceTechnique". **Indicate piping and/or flex connector. Mark any that do NOT apply.

***Describe location of any other contact points measured.

| -5- | | | | | | | | | | |
|--|---|------------|--|---|--|---|----------|--|----------|--|
| | Facility I.D.# | | | | | CPTEST | | | | |
| | Underground Metal Product Piping Structure-to-Soil Test Results (Impressed Current Systems) | | | | | | | | | |
| The "Location Code" must be used to locate the reference cell and structure contact points on the drawing of the facility as discussed on page 1. Piping voltage measurements should be taken with the reference cell in the soil at both ends of the piping run (but not directly over anodes), and if the run is longer than 100 feet, in the soil as close as possible to the middle of the piping run (but not directly over anodes). All single and double wall metal tanks and piping, and all metallic tank system structures which routinely contain product, must have "Instant-Off Voltage" measurements equal to or more negative than -850 mv, or have "Voltage Change" differences of at least 100 mv to be protected from corrosion and pass the structure-to-soil test. | | | | | | | | | | |
| Location Code | Structure Contact Point and Reference Cell Locations | | On Voltage (negative millivolts) | | nstant-Off Voltage 0 (negative millivolts) | Ending Voltage@ or Native Voltage@ (negative millivolts) | | Voltage Change 0 (millivolts) | | Results (Mark the one that does NOT apply) |
| Tank (# | _) Metal Piping | | | | | | | | | |
| | (Tank bottom)(test lead)() |)* | | | | | | | | |
| R | Soil under dispenser # | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R R | Soil under dispenser # | | - mv | - | <u>mv</u> | - | mv | + | mv | (pass) (fail) |
| | Soil under dispenser # | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R R | Soil under dispenser # Soil under dispenser # | | - mv - mv | - | mv mv | - | mv mv | ++ | mv mv | (pass) (fail) (pass) (fail) |
| R | Soil under dispenser # | | | - | | - | | | | (pass) (fail) |
| R | Soil at middle of piping run | | - mv - mv | - | mv mv | - | mv mv | ++ | mv mv | (pass) (fail) |
| R | Other ** | * | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| Tank (# |) Metal Piping | | - 111V | _ | 111V | | 1110 | т | 1110 | (pass) (iaii) |
| S | (Tank bottom)(test lead)() |) * | | | | | | | | |
| R | Soil under dispenser # | / | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R | Soil under dispenser # | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R | Soil under dispenser # | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R | Soil under dispenser # | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R | Soil under dispenser # | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R | Soil under dispenser # | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R | Soil at middle of piping run | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R | Other** | * | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| Tank (# | _) Metal Piping | | | | | | | | | |
| S | (Tank bottom)(test lead)() |)* | | | | | | | | |
| R | Soil under dispenser # | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R | Soil under dispenser # | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R | Soil under dispenser # | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R | Soil under dispenser # | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R | Soil under dispenser # | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R | Soil under dispenser # | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R | Soil at middle of piping run | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R | Other** | * | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| Tank (# | _) Metal Piping | | | | | | | | | |
| S | |)* | | | | | | | | |
| R | Soil under dispenser # | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R | Soil under dispenser # | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R | Soil under dispenser # | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R | Soil under dispenser # | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R | Soil under dispenser # | | - mv | - | mv | - | mv | + | mv | (pass) (fail) |
| R R | Soil under dispenser # | | - mv | - | <u>mv</u> | - | mv | + | mv | (pass) (fail) |
| | Soil at middle of piping run Other ** | * | - mv | - | mv | - | mv | + | mv | (pass) (fail) (pass) (fail) |
| R | reading observed during a 2.5 or 3 second now | | - mv | - | mv | - | mv | + | mv | (pass) (tall) |

The lowest reading observed during a 2.5 or 3 second power interruption.
After power interruption, the first reading that is at least 100 mv lower than the "Instant-Off Voltage" measurement.
The structure-to-soil potential prior to cathodic protection being applied. This may only be used to determine the "Voltage Change" at startup of the The structure-to-soli potential phot to cathodic protection being applied. This may only be used to determine the "Voltage Change corrosion protection system.
 The difference between the "Instant-Off Voltage" and the "Ending Voltage" or "Native Voltage".
 *Indicate base structure contact point. Mark all that do NOT apply. *Make sure tank is not internally lined before using tank bottom.*

**Describe location of any other reference cell location used.

| | Facility I.D.#CPTEST | | | | | | | | | | | | | | |
|--|---------------------------------|-------------------------------------|---|----------|-------|------------|-----------|--------|-----------|-------------|------------|----------|-------|--|--|
| Rectifier Information (Impressed Current Systems) 1. Please complete all the information that is applicable. | | | | | | | | | | | | | | | |
| Please con Document | nplete all the repairs to th | e information t e rectifier belo | hat is applicat w. | ole. | | | | | | | | | | | |
| Rectifier M | anufactur | er: | | | Rateo | d DC Ou | tput: | | voltsamps | | | | | | |
| Rectifier M | odel: | | | | Recti | fier Seria | al Numb | ber: | | | | | | | |
| Rectifier output as initially designed or lastly recomm | | | | | | ed (if a | /ailable) |): | | _amps | | | | | |
| | | | Tap S | ettings | | DC | Output | | | our Meter | | | | | |
| Eve | nt | Date | Coarse | Fin | е | Volts | Am | ps | | leading | | ts | | | |
| "As Fo | und" | | | | | | | | | | | | | | |
| "As L | eft" | | | | | | | | | | | | | | |
| | | | | | - | tive Circ | | | | | | | | | |
| 2. Please pro | vide the "as | left" measure | o allow these r ments in amps e the "Commer | S. | | | | | | | easurement | shunts). | | | |
| Circuit | 1 | 2 | 3 | 4 | | 5 | 6 | 7 | | 8 | 9 | 10 | Total | | |
| Anode (+) | | _ | | <u> </u> | | - | • | - | | Ū | Ū | | Total | | |
| Tank (–) | | | | | | | | | | | | | | | |
| | 1 | Com | ments Cond | cerning | Opera | tion, Ma | intenan | ce and | d Rep | pair of Rec | tifier | 1 | | | |
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| F | acility I.D.# | | CPTEST | | | | | |
|---|--|---|--|--|--|--|--|--|
| Cathodic Protection Test Results (Impressed Current Systems) | | | | | | | | |
| 1. If any portion of the | system fails, the system fails, and "F | ail" should be marked below. | | | | | | |
| □ Pass | | | dic protection testing and in my best judgement, UST system. No further action is necessary at | | | | | |
| 🗆 Fail | judgement, adequate ca protection system mus | athodic protection has <u>NOT</u> been st be repaired in accordance v | he cathodic protection testing and in my best n provided to the UST system. The cathodic with a code of practice developed by a nationally and re-tested within 1 month following the repair. | | | | | |
| Name: | | Name of Co | mpany: | | | | | |
| Certifying Organiz | zation: | Address: | | | | | | |
| Type of Certificati | | City, State, 2 | Zip Code: | | | | | |
| Date of Certification | on: | Phone Numl | ber: | | | | | |
| Signature: | | i | Date: | | | | | |
| | Description of Cathoo | dic Protection System Repa | airs and/or Comments | | | | | |
| If applicable, descri If repairs are made, | be repairs to rectifier on Page 6. | ation below such as the NACE Stand | n of the location and depth of any new anodes. Jard SP0285-2011, "Standard Recommended Practice, | | | | | |
| Association or Inde | pendent Laboratory: | | | | | | | |
| Code of Practice Na | | | | | | | | |
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| | Underground St | torage Tank Protection Ow | ner Certification | | | | | |
| | Ity of law that I am familiar with th sible for obtaining the information | | that based on my inquiry of those individuals s true, accurate, and complete. | | | | | |
| Signature of Own | er: | | Date: | | | | | |