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| **UST-21** | | **IMPRESSED CURRENT CATHODIC PROTECTION SYSTEM 60-DAY RECORD OF RECTIFER OPERATION** | | | | | | | | | | | | | | | | | | | | | | **A close up of a sign  Description automatically generated** | | | |
| * This form may be utilized to document that the cathodic protection system rectifier is checked for operation at least once every 60 days. * A corrosion expert should specify the minimum amperage required to provide adequate cathodic protection. * Any significant variance should be reported to your corrosion professional so that any repairs and/or adjustments necessary can be made. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **UST OWNER** | | | | | | | | | **UST FACILITY** | | | | | | | | | | | | | | | | | | |
| Owner Name | | | | | | | | | Facility Name | | | | | | | | | | | | | | Facility ID#: | | | | |
| Street Address | | | | | | | | | Street Address | | | | | | | | | | | | | | | | | | |
| City | | | | | State | | | | City | | | | | | | | | | | County | | | | | | | |
| **IMPRESSED CURRENT RECTIFIER DATA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rectifier Manufacturer: | | | | | | | Rated DC Output: | | | | |  | | | | | VOLTS | | | |  | | | | | AMPS | |
|  | | | | | | |  | | | | |  | | | | |  | | | | | | | | | | |
| Rectifier Model: | | | | | | | | | Rectifier Serial Number: | | | | | | | | | | | | | | | | | | |
| **MINIMUM AMPERAGE** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| The output at the time of the last passing test was | | | | | | | |  | | | AMPS | | | | | | | Date of Test: | | | |  | | | | |  |
|  | | | | | | | | | | | | | |  | | | |  | | | |  | | |  | | |
| The **minimum** output needed to provide adequate cathodic protection is: | | | | | | | | | | | | | | |  | | | | AMPS | | | | | | | | |
| (Output amperage at last passing test minus 20% of last output amperage) | | | | | | | | | | | | | | |  | | | | | | | | | | |  | |
| Contact a qualified person to investigate if the observed amperage falls below the specified minimum value. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Note: Relatively small variations in the rectifier amperage are normal. If there is no minimum amperage specified, contact a qualified person to investigate if the amperage output decreases by more than 20% from the last passing test. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **60-DAY LOG OF RECTIFIER OPERATION** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DATE INSPECTED | RECTIFIER TURNED ON? | | TAP SETTINGS | | | DC OUTPUT | | | | | | | HOUR METER | | | INSPECTOR INITIALS | | | | COMMENTS | | | | | | | |
| COARSE | FINE | | VOLTS | | | | AMPS | | |
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| NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY, DIVISION OF WASTE MANAGEMENT, UST SECTION  1646 MAIL SERVICE CENTER, RALEIGH, NC 27699-1646 PHONE (919) 707-8171 FAX (919) 715-1117 http://www.wastenotnc.org/ 1/2020 | | | | | | | | | | | | | | | | | | | | | | | | | | | |