

APPENDIX C-3

SPILL BUCKET INTEGRITY TESTING HYDROSTATIC TEST METHOD SINGLE AND DOUBLE-WALLED VACUUM TEST METHOD

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|--|---|---|---|---|---|---|
| Facility Name: | | | Owner: | | | |
| Address: | | | Address: | | | |
| City, State, Zip Code: | | | City, State, Zip Code: | | | |
| Facility I.D. #: | | | Phone #: | | | |
| Testing Company: | | | Phone #: | | Date: | |
| This procedure is to test the leak integrity of single- and double-walled spill buckets. See PEI/RP1200, Section 6.2 for hydrostatic test method, Section 6.3 for single-walled vacuum test method and Section 6.4 for double-walled vacuum test method. | | | | | | |
| Tank Number | | | | | | |
| Product Stored | | | | | | |
| Spill Bucket Capacity | | | | | | |
| Manufacturer | | | | | | |
| Construction | <input type="checkbox"/> Single-walled <input type="checkbox"/> Double-walled | <input type="checkbox"/> Single-walled <input type="checkbox"/> Double-walled | <input type="checkbox"/> Single-walled <input type="checkbox"/> Double-walled | <input type="checkbox"/> Single-walled <input type="checkbox"/> Double-walled | <input type="checkbox"/> Single-walled <input type="checkbox"/> Double-walled | <input type="checkbox"/> Single-walled <input type="checkbox"/> Double-walled |
| Test Type | <input type="checkbox"/> Hydrostatic <input type="checkbox"/> Vacuum <input type="checkbox"/> Single-walled <input type="checkbox"/> Double-walled | <input type="checkbox"/> Hydrostatic <input type="checkbox"/> Vacuum <input type="checkbox"/> Single-walled <input type="checkbox"/> Double-walled | <input type="checkbox"/> Hydrostatic <input type="checkbox"/> Vacuum <input type="checkbox"/> Single-walled <input type="checkbox"/> Double-walled | <input type="checkbox"/> Hydrostatic <input type="checkbox"/> Vacuum <input type="checkbox"/> Single-walled <input type="checkbox"/> Double-walled | <input type="checkbox"/> Hydrostatic <input type="checkbox"/> Vacuum <input type="checkbox"/> Single-walled <input type="checkbox"/> Double-walled | <input type="checkbox"/> Hydrostatic <input type="checkbox"/> Vacuum <input type="checkbox"/> Single-walled <input type="checkbox"/> Double-walled |
| Spill Bucket Type | <input type="checkbox"/> Product <input type="checkbox"/> Vapor | <input type="checkbox"/> Product <input type="checkbox"/> Vapor | <input type="checkbox"/> Product <input type="checkbox"/> Vapor | <input type="checkbox"/> Product <input type="checkbox"/> Vapor | <input type="checkbox"/> Product <input type="checkbox"/> Vapor | <input type="checkbox"/> Product <input type="checkbox"/> Vapor |
| Liquid and debris removed from spill bucket?* | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Visual Inspection (No cracks, loose parts or separation of the bucket from the fill pipe.) | <input type="checkbox"/> Pass <input type="checkbox"/> Fail | <input type="checkbox"/> Pass <input type="checkbox"/> Fail | <input type="checkbox"/> Pass <input type="checkbox"/> Fail | <input type="checkbox"/> Pass <input type="checkbox"/> Fail | <input type="checkbox"/> Pass <input type="checkbox"/> Fail | <input type="checkbox"/> Pass <input type="checkbox"/> Fail |
| Tank riser cap included in test? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA |
| Is drain valve included in test? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA |
| Starting Level | | | | | | |
| Test Start Time | | | | | | |
| Ending Level | | | | | | |
| Test End Time | | | | | | |
| Test Period | | | | | | |
| Level Change | | | | | | |
| Pass/fail criteria: Must pass visual inspection. Hydrostatic: Water level drop of less than 1/8 inch; Vacuum single-walled only: Maintain at least 26 inches water column; Vacuum double-walled: maintain at least 12 inches water column. | | | | | | |
| Test Results | <input type="checkbox"/> Pass <input type="checkbox"/> Fail | <input type="checkbox"/> Pass <input type="checkbox"/> Fail | <input type="checkbox"/> Pass <input type="checkbox"/> Fail | <input type="checkbox"/> Pass <input type="checkbox"/> Fail | <input type="checkbox"/> Pass <input type="checkbox"/> Fail | <input type="checkbox"/> Pass <input type="checkbox"/> Fail |
| Comments: | | | | | | |

*All liquids and debris must be disposed of properly.

Tester's Name _____ Tester's Signature _____