

## APPENDIX C-6

### OVERFILL ALARM OPERATION INSPECTION

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 determine whether the high level alarm is operational and will trigger when the tank is no more than 90% full. See PEI/RP1200, Section 7.3 for the inspection procedure. This procedure is applicable to tank level monitor stems that touch the bottom of the tank when in place.

Tank Number				
Product Stored				
Tank Level Monitor Brand and Model				
1. Tank Volume, gallons				
2. Tank Diameter, inches				
3. Does the overfill alarm activate in the test mode at the console?	<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
4. When activated, can the overfill alarm be heard or seen while delivering to the tank?	<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
5. After removing the probe from the tank, has it been inspected and any damaged or missing parts replaced?	<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
6. Float moves freely on the stem without binding?	<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
7. Does moving product level float up the stem trigger alarm?	<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
8. Inch level from bottom of stem when 90% alarm is triggered.				
9. Tank volume at inch level in Line 8.				
10. Calculate (Line 9 / Line 1) x 100				
11. Is Line 10 less than 90%?	<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
12. Does the fuel float level on the console agree with the gauge stick reading?	<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
13. Does the overfill alarm activate at any product level above 90% tank capacity?	<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

If any answers in Lines 3, 4, 5, 6, 7 or 11 are "No", or Line 13 is "Yes", the system has failed the test.

<b>Test Results</b>	<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
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**Comments:**

Tester's Name \_\_\_\_\_ Tester's Signature \_\_\_\_\_