Triennial Overfill Prevention Device Testing Form For Underground Storage Tank Systems

Waste Division/Oil Remediation and Compliance Bureau

RSA/Rule: RSA 146-C, Env-Or 400

Facility Name: Shop Express UST Facility ID No.: 0111173

Facility Address: 297 Union Ave City: Laconia Zip: 03246

UST System Owner Name: Tanveer Chaudhry Owners Daytime Phone Number: 603-934-3877

Owner Address: 297 Union Ave, Laconia, NH 03246

A. Primary overfill Protection Test Results

1. Type of overfill device, manufacturer's name and model number (list out all manufacturers and models if different):
Veeder Root TLS-350 External Overfill Alarm (Model 790091-001)

Unless otherwise noted, complete the following checklist using: **Y = Yes, N = No, N/A = Not Applicable**

		Tank #	5	6				
2.	The overfill console, if equipped, is correctly programmed and labeled.		Y	Y				
3.	The overfill device/sensor is positioned in accordance with the activation height requirements of Env-Or 405.06(c) and manufacturer's requirements.		Y	Y				
4.	Length of overfill device (in inches). Please explain how you reached these numbers on the back page of this test form (please see attached Overfill Prevention/Drop-Tube Data Sheet).		81	81				
5.	The overfill device/sensor was visually inspected and confirmed operational by manually simulating an overfill condition per state and manufacturer's requirements.		Y	Y				
6.	The audible alarm, if equipped, is operational and can be heard by delivery person. (Must be audible for no less than 10 seconds)		*Y	*Y				
7.	The visual alarm, if equipped, is operational and can be seen by delivery person. (Must remain on until manually reset)		Y	Y				
8.	**In summary, the overfill system is confirmed to be in proper operation per manufacturer's requirements, all devices are reset and alarms have been cleared. Enter "P" for Pass or "F" for Fail.**		P	P				

If your answer is **No** for any of the above, then describe on the reverse side of this form how and when these items will be corrected. Please be aware that any malfunctioning overfill device shall be repaired within 30 days. If the device cannot be repaired or replaced within 30 days the affected system(s) shall be prohibited from taking a delivery until satisfactory repairs are made. **Comments:** During the 9/25/19 Compliance Inspection, the audible horn was not operational. On 10/14/19 Roy Petroleum replaced the audible horn and tested for proper operation. Working properly now. Alarm point on probe is 81".

B. Certification

I hereby certify that I'm qualified to test the equipment identified in this document and tested for proper operation in accordance with NH DES Regulations and manufacturer's requirements.

Tester Name (print): Kiawa Krzcuik Company Name: Roy Petroleum, LLC.

Company Address / State / Zip: PO Box 738, Goffstown, NH 03045

Tester's Signature: _____ Phone No.: (413) 627-2577 Test Date: 9/25/19

C. Record Keeping and Reporting Instructions

The owner/operator must submit a copy of the test report to NHDES within 30 days of testing.

orcb.wmd@des.nh.gov (603) 271-3899
PO Box 95, Concord, NH 03302-0095
www.des.nh.gov

Roy Petroleum, LLC

Facility #: 0111173 **Overfill Prevention/Drop-Tube Data Sheet** **Insp Date:** 9/25/19

Facility Name: Shop Express (Laconia, NH)

TANK DETAILS (FIELD MEASUREMENTS)

TANK #	5	6				
Product/Grade	Gas- RUL	Gas- SUP	These measurements taken at Probe risers.			
Capacity (gallons)	9,695	9,695				
Construction (DW/SW)/ (Steel/FRP)	DW FRP	DW FRP				
Tank Bottom Depth (inches)=(TB)	134.00	136.00				
Riser Length (inches)=(RL)	43.00	44.00				
(TD) Tank Diameter (inches)- per manufacturer	92.00	92.00				
Manway (Y/N)=(M)	N	N				

(Tank Bottom Depth) - (Riser Length) = Tank Diameter (used to determine diameter of 4', 6', 8', 10', 12' etc..)

DROP TUBE MEASUREMENTS

Tank Bottom Depth (inches)=(TB)	136.00	136.00	These measurements taken at Fill risers.			
Drop Tube Length (inches)=(DT)	130.50	131.00				
Distance off Bottom (inches)=(TB-DT)	5.50	5.00				
Results (Pass/Fail)	PASS	PASS				

(Tank Bottom Depth) - (Drop Tube Length) = Distance off Bottom (must be less than or equal to 6" unless OK'd by State Inspector due to age of d/t)

OVERFILL PREVENTION MEASUREMENTS

FLAPPER VALVE (95%)- Model #						
95% Shut Off Volume (gallons)						
95% Shut Off (inches)=(SO)						
Required (OM) Overfill Measurement Into Tank (inches)=(TD-SO)						
Required 95% Length (inches)=(RL+OM)						
Length of Uppper Tube (inches)						
Length of Overfill Device Into Tank (inches)						
Results (Pass/Fail)						

*95% Shut off Alarm (Dia. 64" = 7"-8", Dia. 72" = 8"-9", Dia. 92" = 9.5"-10.5", Dia. 96" = 10"-11", Dia. 120" = 12"-13")

BALL FLOAT (90%)						
90% Restriction Volume (gallons)						
90% Restriction (inches)=(R)						
(ROM) Required 90% Overfill Measurement (inches)=(TD-R)						
Length of Ball Float (inches)						
Results (Pass/Fail)						

**90% Shut off Alarm (Dia. 48" = 8", Dia. 64" = 10", Dia. 72" = 12", Dia. 92" = 14", Dia. 96" = 15", Dia. 120" = 18", Dia. 126" = 20")*

AUDIBLE ALARM (90%)			
90% Alarm Volume (gallons)	8,726	8,726	During the 9/25/19 Compliance Inspection, the audible horn was not operational. On 10/14/19 Roy Petroleum replaced the audible horn and tested for proper operation. Working proplery now.
Required Alarm Level (inches)	81.00	81.00	
90% Required Length of Device (inches)	N/A	N/A	
Length of Overfill Device (inches)			
Point of Alarm on Probe/Float (inches)	81.00	81.00	
Results (Pass/Fail)	*PASS	*PASS	

**90% Alarm (Dia. 48" = 40", Dia. 64" = 54", Dia. 72" = 60", Dia. 92" = 80", Dia. 96" = 81", Dia. 120" = 100", Dia. 126" = 106")*