



NH Department of Agriculture, Markets & Food
 Division of Weights and Measures
 PO Box 2042
 Concord, NH 03302-2042
PLACED IN SERVICE / INSPECTION REPORT FORM
REFINED PETROLEUM PRODUCTS

Tel: (603) 271-3700
 Fax: (603) 271-1109
 Email: devices@agr.nh.gov

Installed: Repaired: Test & Calibrate for Device License: Certified:

Date:		Service Technician:		Lic #:		Page of	
Business Name:			Tel. #		Weights & Measures Acct #:		
Address:				City:		State:	Zip Code:
Make of Meter:		Serial No.:		Model No.:		Size: (in)	
Make of Register:		Marked Discharge Rate: Max.		gal/min Min.		gal/min	
Meter Location:		Product:		API GR. @ 60 °F			
Accessories:	Indicator	Ticket Printer	Temp Comp Sys	Thermometer Well	Other		
Totalizer Readings: Start		Finish		Tolerance Applied: Maint.:		Acceptance: _____	

Certification Stamp #:

TEST DATA:	1 st Run	2 nd Run	3 rd Run	4 th Run
1. Type of Test: a. Normal (N) or Special (S): b. Compensated (C) or Uncompensated (U):	N___ S___ C___ U___	N___ S___ C___ U___	N___ S___ C___ U___	N___ S___ C___ U___
2. Actual discharge rate (gal / min)	_____	_____	_____	_____
3a. Totalizer Reading - Start	_____	_____	_____	_____
3b. Totalizer Reading - Finish	_____	_____	_____	_____
Prover Data:				
4. Avg. temp of product in prover to nearest 0.5 °F	_____	_____	_____	_____
5. Prover reading	_____	_____	_____	_____
6. Correction for expansion / contraction of prover: Cts = 1 + (T - 60) 0.0000265 (stainless steel) Cts = 1 + (T - 60) 0.0000186 (mild steel)	_____	_____	_____	_____
7. Volume correction for prover reading: (Ctl) (based on #4 and Table 6B)	_____	_____	_____	_____
8. Prover reading corrected to 60 °F: (Item 5 x Item 6 x Item 7) (gal)	_____	_____	_____	_____
Meter Data:				
9. Meter Reading:				
9a. Gross (uncompensated) (gal)	_____	_____	_____	_____
9b. Net (compensated) (gal)	_____	_____	_____	_____
<u>Use for uncompensated run or for systems that give both gross and net readings</u>				
9a1. Avg. temp of product at meter to the nearest 0.5 °F	_____	_____	_____	_____
9a2. Volume correction for meter reading (Ctl) (based on #9a1 and Table 6B)	_____	_____	_____	_____
9a3. Meter reading corrected to 60 °F (Item 9a x Item 9a2) (gal)	_____	_____	_____	_____
10. Net delivery error (gal) (Item 8 - Item 9b)	_____	_____	_____	_____
11. Corrected gross delivery error (gal) (Item 8 - Item 9a3)	_____	_____	_____	_____
12a. Gross Tol (application %* x Item 9a)	_____	_____	_____	_____
12b. Net Tol (application %* x Item 9b)	_____	_____	_____	_____
*Normal Test Tolerances: Accept 0.2 % ; Maint 0.3% - Special Test Tolerances: Accept. & Maint 0.5 %				
13. Auto Temp Comp Sys only - Diff between net (comp) delivery error (Item 10) and corrected gross (uncomp.) delivery error (Item 11) _____ (Shall not exceed 0.2 % for mechanical ATCS or 0.1 % for electronic ATCS)				
The licensee shall complete this form accurately. This form and any official rejection tag removed from the device shall be sent via mail, email, or fax, within 5 days to the address at the top of this form. I certify that the device(s) listed above meet(s) all requirements set forth in NIST Handbook 44 (current edition) for commercial devices and that they were tested using accepted test procedures in accordance with NIST Handbook 112: Examination Procedures Outlines for Weighing and Measuring Devices.				

Action Taken: Pass _____ Fail _____

Signature of Service Technician

Date

