

DATE: TIME:	DEPARTMENT HEADING LPG METER EXAMINATION REPORT		TEST No:	TRUCK ID: LIC. No.:	
BUSINESS NAME:			INSPECTOR:		
STREET: CITY: STATE: ZIP:			BUSINESS OWNER'S NAME:		
METER MAKE: MODEL No.: SN:			REGISTER MAKE: MODEL No.:		
METER SIZE (INCHES):		TOTALIZER FINISH:	SERIAL No.:		
MANUFACTURER'S RATED FLOW CAP: MIN. GPM MAX. GPM		TOTALIZER START:	NTEP CC#:		
THERMOMETER WELL ☐ PRINTER ☐ ATC: ☐ ELECTRONIC ☐ MECHANICAL		TOTAL QUANTITY OF PRODUCT RETURNED TO STORAGE: _____ GALLONS	PRODUCT NAME: SPECIFIC GRAVITY:		
TOLERANCE APPLIED: ACCEPTANCE ☐ MAINTENANCE ☐		SECURITY SEALS INTACT AS FOUND? YES ☐ NO ☐	PROVER MATERIAL:		
			PROVER'S NOMINAL CAPACITY: _____ GALLONS		
Test Data		1st run	2nd run	3rd run	4th run
1. TYPE OF TEST RUN	NORMAL ☐ SPEC ☐ ATC ☐	NORMAL ☐ SPEC ☐ ATC ☐	NORMAL ☐ SPEC ☐ ATC ☐	NORMAL ☐ SPEC ☐ ATC ☐	NORMAL ☐ SPEC ☐ ATC ☐
2. FLOW RATE (ACTUAL FLOW RATE AS INSTALLED)	GAL/MIN	GAL/MIN	GAL/MIN	GAL/MIN	GAL/MIN
3. METER TEMPERATURE (1/3 PROVER CAPACITY)	° F	° F	° F	° F	° F
4. METER TEMPERATURE (2/3 PROVER CAPACITY)	° F	° F	° F	° F	° F
5. STORAGE TANK PRESSURE (PSIG)	PSIG	PSIG	PSIG	PSIG	PSIG
6. PROVER PRESSURE (PSIG)	PSIG	PSIG	PSIG	PSIG	PSIG
7. TEMPERATURE OF THE LIQUID IN THE PROVER	° F	° F	° F	° F	° F
8. METER INDICATION (GALLONS)	GAL	GAL	GAL	GAL	GAL
9. PROVER INDICATION TO NEAREST 0.05 GALLON	GAL	GAL	GAL	GAL	GAL
PROVER CORRECTIONS					
10. PROVER PRESSURE CORRECTION (TABLE 1)	GAL	GAL	GAL	GAL	GAL
11. PROVER TEMPERATURE CORRECTION (TABLE 2)	GAL	GAL	GAL	GAL	GAL
12. CORRECTED PROVER INDIC. (LINES 9+10+11)	GAL	GAL	GAL	GAL	GAL
USE FOR UNCOMPENSATED RUN					
13a. AVERAGE METER TEMP (Line 3 + Line 4) ÷ 2	° F	° F	° F	° F	° F
13b. TEMP. DIFFERENCE (Line 13a – Line 7)	° F	° F	° F	° F	° F
13c. TEMP. CORRECTION FACTOR (TABLE 4)	GAL/°F	GAL/°F	GAL/°F	GAL/°F	GAL/°F
13d. TEMP. DIFF. CORR. (Line 13b x Line 13c)	GAL	GAL	GAL	GAL	GAL
14. TEMP CORR PROVER IND. (Line 13d + Line 12)	GAL	GAL	GAL	GAL	GAL
USE FOR COMPENSATED RUN					
13. VOLUME CORR. FACTOR AT PROVER TEMP. (VOLUME REDUCTION TO 60 °F FOR LPG: TABLE 3)					
14. TEMP CORR PROVER INDIC. (LINE 13 x LINE 12)	GAL	GAL	GAL	GAL	GAL
USE FOR EITHER RUN					
15. TEMP CORR PROVER INDIC. (LINE 14)	GAL	GAL	GAL	GAL	GAL
16. METER INDICATION (LINE 8)	GAL	GAL	GAL	GAL	GAL
17. NET METER ERROR (LINE 15 - LINE 16)	GAL	GAL	GAL	GAL	GAL
18. PERCENT ERROR: (LINE 17 ÷ LINE 15) x 100= %	%	%	%	%	%
19. DIFFERENCE BETWEEN ATC AND NON- ATC TEST RUN(S): (% ERROR ATC - % ERROR NON-ATC) =				%	ATC TOL: %
REMARKS:					
ACTION TAKEN: ☐ APPROVED ☐ REJECTED ☐ STOP USE (NIST OWM FORM REV 02-2022)					