



APPENDIX C-9
MECHANICAL & ELECTRONIC LINE LEAK DETECTORS
PERFORMANCE TESTS

TEST DATE: 8/29/2023
 LOCATION NAME: Red D Mart
 LOCATION ADDRESS: 51451 State Road 19 North
 LOCATION CITY/STATE: Elkhart, IN 46514
 LOCATION PHONE: 0
 LOCATION CONTACT: Virender Kumar

OWNER NAME: Tanks Data
 OWNER ADDRESS: 51451 State Road 19 North
 OWNER CITY/STATE/ZIP: Elkhart, IN 46514
 LOCATION FID#: 09063
 WORK ORDER NO: NE-0554

This data sheet can be used to test mechanical line leak detectors (MLLD) and electronic line leak detectors (ELLD) with						
Line Number	1	2				
Product Stored	RUL	PUL				
Leak Detector Manufacturer	RJ	FEPETRO				
Leak Detector Model	PISTON	PISTON				
Type of Leak Detector	MLLD	MLLD				
MLLD (ALL PRESSURE MEASUREMENTS ARE MADE IN PSIG)						
STP Full Operating Pressure	30	30				
Check Valve Holding Pressure	30	30				
Line Resiliency (ml) (line bleed back volume as measured from check valve holding pressure to 0 PSIG)	189ML	189ML				
Step Through Time in Seconds (time the MLLD hesitates at metering pressure before going to full operating pressure as measured from 0 PSIG with no leak induced on the line)	3	0				
Metering Pressure (STP pressure when simulated leak rate 3 gph at 10 psig)	10	30				
Opening Time in Seconds (the time the MLLD opens to allow full pressure after simulated leak is stopped)	3	0				
Does the STP pressure remain at or below the metering pressure for at least 60 seconds when the simulated leak is induced?	YES	NO				
Does the leak detector reset (trip) when the line pressure is bled off to zero psig?	YES	NO				
Does the STP properly cycle on/off under normal fuel system operation conditions?	YES	NO				
A "No" answer to either of the above questions indicates the MLLD fails the test						
MLLD TEST RESULTS	PASS	FAIL				
ELLD (ALL PRESSURE MEASUREMENTS ARE MADE IN PSIG)						
STP Full Operating Pressure						
How many test cycles are observed before alarm/shutdown occurs?						
Does the simulated leak cause an alarm?						
A "No" answer to the above question indicates the ELLD fails the test.						
Does the simulated leak cause an STP shutdown?						
ELLD TEST RESULTS						
COMMENTS:						
PUL LD FAILED TO TRIP						

0

SERVICE TECHNICIAN NAME (printed)

RONNIE BROWN

CERTIFIED TECHNICIAN NAME (printed)

SERVICE TECHNICIAN SIGNATURE

Ronnie Brown

CERTIFIED TECHNICIAN SIGNATURE

CERT NO: UC112255
 EXPIRATION DATE: 01/23/2025