



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

TEST DATE: 10/9/2023
LOCATION NAME: The Landing
LOCATION ADDRESS: 8095 W State Road 20
LOCATION CITY/STATE: Shipshewana, IN 46565
LOCATION PHONE: 317-645-0215
LOCATION CONTACT: Virendar Kumar

OWNER NAME: Tanks Data
OWNER ADDRESS: 8095 W State Road 20
OWNER CITY/STATE/ZIP: Shipshewana, IN 46565
LOCATION FID#: 18719
WORK ORDER NO: NE-0758

This data sheet can be used to test mechanical line leak detectors (MLLD) and electronic line leak detectors (ELLD) with						
Line Number	1	2	4	5		
Product Stored	RUL	PUL	KER	DSL		
Leak Detector Manufacturer	FEPETRO	FEPETRO	VAPORLESS	FEPETRO		
Leak Detector Model	PISTON	PISTON	PISTON	PISTON		
Type of Leak Detector	MLLD	MLLD	MLLD	MLLD		
MLLD (ALL PRESSURE MEASUREMENTS ARE MADE IN PSIG)						
STP Full Operating Pressure	24	20	N/A	30		
Check Valve Holding Pressure	5	5	N/A	20		
Line Resiliency (ml) (line bleed back volume as measured from check valve holding pressure to 0 PSIG)	189ml	189ml	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)	5	2	N/A	3		
Metering Pressure (STP pressure when simulated leak rate 3 gph at 10 psig)	3	6	N/A	3		
Opening Time in Seconds (the time the MLLD opens to allow full pressure after simulated leak is stopped)	5	2	N/A	3		
Does the STP pressure remain at or below the metering pressure for at least 60 seconds when the simulated leak is induced?	YES	YES	N/A	YES		
Does the leak detector reset (trip) when the line pressure is bled off to zero psig?	YES	YES	N/A	YES		
Does the STP properly cycle on/off under normal fuel system operation conditions?	YES	YES	N/A	YES		
A "No" answer to either of the above questions indicates the MLLD fails the test						
MLLD TEST RESULTS	PASS	PASS	UNTESTABLE	PASS		
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:						
KER IS SEALED FROM IDEM (NOT BREAKING THE SEAL.) THE LEAK DETECTOR WILL NEED TESTED AFTER NECESSARY REPAIRS ARE MADE.						

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SERVICE TECHNICIAN NAME (printed)

PATRICK FOLEY
CERTIFIED TECHNICIAN NAME (printed)

SERVICE TECHNICIAN SIGNATURE

CERTIFIED TECHNICIAN SIGNATURE

CERT NO: UC111246
EXPIRATION DATE: 09/15/2024