



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

TEST DATE: 8/30/2023
 LOCATION NAME: Wakarusa C Store
 LOCATION ADDRESS: 914 E Waterford Street
 LOCATION CITY/STATE: Wakarusa, IN 46573
 LOCATION PHONE: 0
 LOCATION CONTACT: Virendar Kumar

OWNER NAME: Tanks Data
 OWNER ADDRESS: 914 E Waterford Street
 OWNER CITY/STATE/ZIP: Wakarusa, IN 46573
 LOCATION FID#: 08958
 WORK ORDER NO: NE-0549

This data sheet can be used to test mechanical line leak detectors (MLLD) and electronic line leak detectors (ELLD) with submersible

Line Number	1	2	3			
Product Stored	RUL	PUL	DSL			
Leak Detector Manufacturer	RED JACKET	RED JACKET	RED JACKET			
Leak Detector Model	ELECTRIC	ELECTRIC	ELECTRIC			
Type of Leak Detector	ELLD	ELLD	ELLD			

MLLD (ALL PRESSURE MEASUREMENTS ARE MADE IN PSIG)

STP Full Operating Pressure						
Check Valve Holding Pressure						
Line Resiliency (ml) (line bleed back volume as measured from check valve holding pressure to 0 PSIG)						
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)						
Metering Pressure (STP pressure when simulated leak rate 3 gph at 10 psig)						
Opening Time in Seconds (the time the MLLD opens to allow full pressure after simulated leak is stopped)						
Does the STP pressure remain at or below the metering pressure for at least 60 seconds when the simulated leak is induced?						
Does the leak detector reset (trip) when the line pressure is bled off to zero psig?						
Does the STP properly cycle on/off under normal fuel system operation conditions?						

A "No" answer to either of the above questions indicates the MLLD fails the test

MLLD TEST RESULTS						
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ELLD (ALL PRESSURE MEASUREMENTS ARE MADE IN PSIG)

STP Full Operating Pressure	30	30	35			
How many test cycles are observed before alarm/shutdown occurs?	1	1	1			
Does the simulated leak cause an alarm?	YES	YES	YES			

A "No" answer to the above question indicates the ELLD fails the test.

Does the simulated leak cause an STP shutdown?	NO	NO	NO			
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ELLD TEST RESULTS	PASS	PASS	PASS			
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COMMENTS:

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SERVICE TECHNICIAN NAME (printed)

ADAM WILDER

CERTIFIED TECHNICIAN NAME (printed)

SERVICE TECHNICIAN SIGNATURE

CERTIFIED TECHNICIAN SIGNATURE

CERT NO: UC112310

EXPIRATION DATE: 1/23/2025