SECTION 1: FACILITY INFORMATION

Facility Name:	
Street Address:	
City:	
State:	Zip Code:
Facility ID#:	
Testing Company:	

SECTION 2: OWNER INFORMATION

Owner's Name:	
Street Address:	
City:	
State:	Zip Code:
Phone #:	
Alt. Phone #:	Date:

SECTION 3: DATA

This data sheet can be used to test mechanical line leak detectors (MLLD) and electronic line leak detectors (ELLD) with submersible turbine pump (STP) systems. See PEI/RP1200 Sections 9.1 and 9.2 for test procedures.

Line Number:						
Leak Detector Manufacturer:						
Leak Detector Model:						
Type of Leak Detector:	MLLD ELLD	MLLD ELLD	MLLD ELLD	MLLD ELLD	MLLD ELLD	MLLD 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?	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No

MLLD (All pressure measurements are made in PSIG)						
Does the leak detector reset (trip) when the line pressure is bled off to zero psig?	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No
Does the STP properly cycle on/off under normal fuel system operation conditions?	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No
A "No" answer to either of the above questions indicates the MLLD fails the test.						
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?	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No
A "No" answer to either of the above questions indicates the MLLD fails the test.						
Does the simulated leak cause an STP shutdown?	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No
Test Results:	Pass Fail	Pass Fail	Pass Fail	Pass Fail	Pass Fail	Pass Fail

Comments:

Tester's Name:

Tester's Signature:

Tester's License #:

License Exp. Date: