

Veeder-Root
(originally listed as Marley Pump Co.)

Red Jacket FX1, FX2, Flexline
(for Flexible Pipelines)

AUTOMATIC MECHANICAL LINE LEAK DETECTOR

Certification	Leak rate of 3.0 gph with PD = 100% and PFA = 0%.
Leak Threshold	2.0 gph. A pipeline system should not be declared tight if the test result indicates a loss that equals or exceeds this threshold.
Applicability	Gasoline, diesel, aviation fuel, ethanol blends up through E100, biodiesel blends B6-B20 meeting ASTM D7467, biodiesel B100 meeting ASTM D6751.
Specification	System tests pressurized flexible pipelines.
Pipeline Capacity	Maximum of 49 gallons.
Waiting Time	None between delivery and testing. None between dispensing and testing.
Test Period	Response time is less than 3 minutes.
System Features	Permanent installation on pipeline. Automatic testing of pipeline. Preset threshold. Total vertical rise of pipeline must not exceed 11 feet above leak detector. Single test to determine if pipeline is leaking. Restricted flow to dispenser if leak is declared.
Calibration	System must be checked annually and, if necessary, calibrated in accordance with manufacturer's instructions.
Comments	Enviroflex pipeline with a bulk modulus* of 1,280 psi was used during this evaluation. To perform a valid test, time delays must be integrated into electronic dispensing equipment or retrofitted in junction box. Without this delay, there is no guarantee that a nozzle will be closed for sufficient time to allow leak detector to perform pipeline test and provide uninterrupted service. *See glossary.

Veeder-Root
125 Powder Forest Dr.
Simsbury, CT 06070-2003
Tel: (860) 651-2700
E-mail: info@veeder.com
URL: www.veeder.com

Evaluator: Ken Wilcox Associates
Tel: (816) 443-2494
Date of Evaluation: 03/22/94, 03/24/11(letter)

