



**FIRE DEPARTMENT**  
9 METROTECH CENTER BROOKLYN, N.Y. 11201-3857

**CERTIFICATE OF APPROVAL # 4791  
THIS CERTIFICATE IS REVOCABLE, NOT TRANSFERABLE  
AND EXPIRES ON November 30, 2006**

January 21, 2004

Mr. Jason Hitchings  
Product Manager  
VEEDER-ROOT CO.  
125 Powder Forest Drive  
Simsbury, CT 06070-2003

By order of Fire Commissioner, Nicholas Scoppetta and pursuant to §27-4015 of the Administrative Code, the following equipment or material may be acceptable for use provided the conditions as outlined below are in full compliance.

**Manufacturer:** VEEDER-ROOT

**Product:** Petroleum leak detection system and liquid level indicating device for motor fuel storage tanks and dispensing systems. The sensors/probes are compatible with gasoline up to 10% ethanol and up to 6.5% methanol.

**Trade Name:** TLS-350, TLS-350R, Simplicity and TLS-350Plus UST Monitoring System with probes/sensors as indicated in UL File# MH11766 including the following:

1. Dispenser Pan Sensor and Differentiating Pan Sensor with Dispenser Control Interface; Part #'s: 847900-001 and 847900-002 - Stand-alone Dispenser Pan Sensor that is connected directly to the Dispenser for shut-down. Tested by Ken Wilcox Associates, Inc. on 11/15/93.
2. Dual Float and Single Float Hydrostatic Sensors; Part #'s: 794380-302 and 794380-301 - Hydrostatic Sensors for Brine Filled Double Wall Tank Monitoring. Tested by Carnegie Mellon Research Institute on 1/20/95.
3. Solid-State Discriminating Dispenser Pan and Containment Sump Sensors; Part #'s: 794380-320 and 794380-350 - Solid State High/Low Switching Point Discriminating Dispensing Pan and Containment Sump Sensors. Tested by Carnegie Mellon Research Institute on 6/30/97.
4. Discriminating Dispenser Pan Sensor; Containment Sump Sensor; Part #'s: 794380-322 and 794380-352 - Float Switch High/Low Discriminating Dispenser Pan and Sump Sensors. Tested by Ken Wilcox Associates, Inc. on 4/20/98.

COA#4791 for Veeder-Roor's TLS-350, TLS-350R, Simplicity and TLS-350Plus UST Monitoring System  
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5. Interstitial Liquid Sensor for Fiberglass Tanks; Part #'s: 794390-401, -404, -407, -409 - Tested by Carnegie Mellon Research Institute on 4/22/98.
6. Interstitial Liquid Sensor for Steel Tanks; Part #'s: 794390-420. Tested by Carnegie Mellon Research Institute on 4/22/98.
7. Solid State Dispenser Pan/Containment Sump Sensors; Piping Sump Sensors; Micro Sensor; Part #'s: 794380-321, 794380-351, 794380-208, 794380-209, 794380-340. Tested by Ken Wilcox Associates, Inc. on 4/20/98.
8. Series 8473 Magnetostrictive Probe for Automatic Tank Gauging Systems(ATGS) and Continuous Statistical Leak Detect Method(CSLD). Tested by Midwest Research Institute on 8/31/95 & 9/15/93 and tested by by Ken Wilcox Associates, Inc. on 6/29/98 & 9/4/97.
9. Series 8484 and 8494 Electronic Line Leak Detection Device. Tested by Midwest Research Institute on 8/07/91, 10/6/95, 5/08/96, 9/13/96 & 1/23/97 and tested by by Ken Wilcox Associates, Inc. on 6/29/98 & 9/4/97.

**Pertinent Code Section:** §27-4065.m.2 and §27-4076.a.1 of the New York City Administrative Code and 3RCNY §21-20 and §21-21.

**Laboratory:** Underwriters Laboratories Inc.

**Test Report:** File# MH11766 Vol, 2 Sec.2 Dated: 10-22-90 & 8-17-93 Revised: 12-5-97  
File# MH11766(N) Dated: 4-15-96 Revised: 5-28-96  
UL Listing MH11766 Project Number - 00NK50442 Dated: January 12, 2001

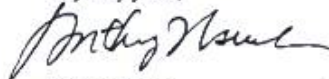
## **CONDITIONS OF APPROVAL :**

1. This leak detection device shall be installed with a UL listed or nationally recognized laboratory approved printer.
2. A leak detection condition shall activate an audible and visual alarm and shall give an indication on the control panel as to the location of the leak. The alarm may be silenced when acknowledged, however, the visual indication shall remain on as long as the condition exists. Upon detection of an additional leak, the audible alarm shall be reactivated.
3. Audible and visual alarm shall be installed in the principal working area of the individual responsible for motor fuel dispensing operations including the monitoring of the leak detection system.
4. The installation and use of leak detection device shall comply with applicable New York City Code, rules and regulations including 3RCNY § 21-20 and/or 3RCNY § 21-21. Manufacturer's and Underwriters Laboratories Inc. safety requirements and limitations shall be complied with.

5. Leak detection device shall be Underwriters Laboratories Inc. listed and leak detection device manufacturer shall retain follow up service requirements of Underwriters Laboratories Inc.
6. The control panel must be provided with a cylinder lock and it shall be the end user's responsibility that the panel be locked at all times to prevent unauthorized personnel from gaining access.
7. Equipment shall have secured and shall maintain all required approvals and shall meet all applicable Federal and State requirements. The use of this system shall be limited to the indicated intent and has not been acceptable for other uses or applications.
8. Each equipment of a type for which a Certificate of Approval shall have been issued shall have the number of such certificate plainly and permanently stamped or otherwise fixed upon it by the manufacturer.
9. The Certificate of Approval will be issued upon condition that the material or equipment's technology does not violate any patent, trade name, trade secret or other intellectual right.
10. The Fire Department Certificate of Approval does not constitute an endorsement or recommendation of your product by the Fire Department, but is a certification that your product, as represented, meets the standards as of the date of issuance.
11. The Fire Department reserves the right to withdraw this approval at any time in the event there is a reasonable doubt that the product does not operate or perform as required by code, the conditions of this resolution or as represented in your application.
12. The Fire Department's conditions of approval shall be enumerated in the installation manuals and brochures that will be provided to New York City buyers, users and installers.
13. As the manufacturer of this equipment/material, you should be aware that any end users who fails to comply with the condition as outlined in the acceptance will be subject to enforcement action which may include fines and imprisonment.

Any change in company name or ownership, product name, product design, material of construction or model number of any product included on this certificate must be immediately reported to this Department in writing.

Very truly yours,



Anthony Hsueh