CERTIFICATE OF COMPLIANCE

Certificate Number	MH11766
Report Reference	MH11766-20070720
Issue Date	2019-DECEMBER-13
Issued to:	VEEDER-ROOT CO 125 POWDER FOREST DR PO BOX 2003 SIMSBURY CT 06070-7684
This certificate confirms that representative samples of	CONTROL, MONITORING AND AUXILIARY EQUIPMENT See Addendum Page
	Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.
Standard(s) for Safety:	UL 913, Intrinsically Safe Apparatus And Associated Apparatus For Use In Class I, II, III, Division 1, Hazardous (Classified) Locations UL 1238, Control Equipment For Use With Flammable Liquid Dispensing Devices CAN/CSA C22.2 No. 157-92, Intrinsically Safe and Non-incendive Equipment for Use in Hazardous Locations CSA C22.2 NO. 142, Process Control Equipment
Additional Information:	See the UL Online Certifications Directory at https://iq.ulprospector.com for additional information.

This *Certificate of Compliance* does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.

Bruce Mahrenholz, Director North American Certification Program

UL LLC

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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

TLS-450/8600 Liquid Level Gauge System,

Associated Apparatus, non-hazardous location, liquid level gauge control unit, Form No. 86009X-XXX where X represents any alphanumeric character, provides intrinsically safe circuits for use in Class I, Division 1, Group D and Class I, Zone 0, Group IIA Hazardous Locations; may be used with up to 16 intrinsically safe probes/sensors per USM Module when installed in accordance with Control Drawing 331940-008.

Intrinsically Safe Devices, Class I, Division 1, Group D:

2to 1 Sensor Input Box – Form No. 857390-102 only for use with Sensor Form Nos. Sump – 7943XX-20X, Position Sensitive – 7943XX-323 and Hydrostatic - 7943XX-30X or

Magnetostrictive Probes - Form No. 84639X-XXX, 85639X-XXX; or

Mag Sump Sensor – Form No. 857080-XXX; or

Vapor Flow Meter Form Nos. 331847-XXX, or 332374-XXX; or

ISD Pressure Sensor Form No. 861190-XXX; or

Digital Pressure Line Leak – Form No. 8590XX-XXX; or.

Mag Plus1 Form Nos. 88959X-XXX.

Sensor Form Nos. – Discriminating Interstitial 79438X-343, 79438X-345, Microsensor – 79438X-344, or

Sensor Form Nos. Sump – 7943XX-20X, Hydrostatic – 7943XX-30X,
Dispenser Pan 7943XX-32X, Position Sensitive – 7943XX-323, 7943XX-333, Containment Sump 794380-35X, Interstitial 7943XX-40X; Steel Tank 7943XX-4X0 or

Oil/Water separator sensors – Form No. 7946XX-XXX or

CSTP Liquid Switch, UL Listed Veeder-Root Submersible Pump Basic Models PC or PAGC; or

Vacuum Sensor Form No. 332175-XXX; or

Ground Water Sensors – Form No. 7943XX-62X; or

Vapor Sensor – Form No. 7943XX-70X; or

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Temperature Sensor – Form No. 794380-210;

I.S. Circuit Protector, Part Nos. 848190-001, -002 and -003;

The control unit may also be provided with the following equipment for use in non-hazardous locations:

Overfill alarm, Form No. 790091-001, with or without an acknowledgement switch Form No. 790095-001, or

USM Modules, Form No. 865090-100, -101, -102, -103, or –104, up to four provided, module provides intrinsically safe circuits for combinations described above, or

I/O Modules, Form No. 865090-200, -210, -211, -212, -220, -221, –222, or -230, up to four provided, module provides external contact closure circuits, or

Communication Modules, Form Nos. 865090-301, -302, -303,
-304, -330, -331, -332, -333, -339, -340, -341, or -401; may be used with peripheral equipment as specified in the installation instructions.

Associated Apparatus, Non-Hazardous Location, Control Unit Model TLS-RF Form No. 332242-00X for use in non-hazardous locations, provides intrinsically safe outputs for use in Class I, Group D when used and installed as specified in the Installation Manuals, 577013-839 or 577013-964. May also be connected to non-hazardous locations peripheral equipment as specified in the installation manuals.

TLS-450/8600 Liquid Level Gauge System,

Associated Apparatus, non-hazardous location, liquid level gauge control unit, Form No. 86009X-XXX where X represents any alphanumeric character, provides intrinsically safe circuits for use in Class I, Division 1, Group D and Class I, Zone 0, Group IIA Hazardous Locations; may be used with up to 16 intrinsically safe probes/sensors per USM Module when installed in accordance with Control Drawing 331940-008.

Intrinsically Safe Devices, Class I, Division 1, Group D:
2to 1 Sensor Input Box – Form No. 857390-102 only for use with Sensor Form Nos. Sump – 7943XX-20X, Position Sensitive – 7943XX-323 and Hydrostatic - 7943XX-30X or

Magnetostrictive Probes - Form No. 84639X-XXX, 85639X-XXX; or

Mag Sump Sensor – Form No. 857080-XXX; or

Vapor Flow Meter Form Nos. 331847-XXX, or 332374-XXX; or

ISD Pressure Sensor Form No. 861190-XXX; or

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Digital Pressure Line Leak – Form No. 8590XX-XXX; or.

Mag Plus1 Form Nos. 88959X-XXX.

Sensor Form Nos. – Discriminating Interstitial 79438X-343, 79438X-345, Microsensor – 79438X-344, or

Sensor Form Nos. Sump – 7943XX-20X, Hydrostatic – 7943XX-30X,
Dispenser Pan 7943XX-32X, Position Sensitive – 7943XX-323, 7943XX-333, Containment Sump 794380-35X, Interstitial 7943XX-40X; Steel Tank 7943XX-4X0 or

Oil/Water separator sensors – Form No. 7946XX-XXX or CSTP Liquid Switch, UL Listed Veeder-Root Submersible Pump Basic Models PC or PAGC; or

Vacuum Sensor Form No. 332175-XXX; or

Ground Water Sensors – Form No. 7943XX-62X; or

Vapor Sensor – Form No. 7943XX-70X; or

Temperature Sensor – Form No. 794380-210;

I.S. Circuit Protector, Part Nos. 848190-001, -002 and -003;

Carbon Canister Vapor Polisher – Form No. 861290-XXX;

The control unit may also be provided with the following equipment for use in non-hazardous locations:

Overfill alarm, Form No. 790091-001, with or without an acknowledgement switch Form No. 790095-001, or

USM Modules, Form No. 865090-100, -101, -102, -103, or –104, up to four provided, module provides intrinsically safe circuits for combinations described above, or

I/O Modules, Form No. 865090-200, -210, -211, -212, -220, -221, –222, or -230, up to four provided, module provides external contact closure circuits, or

Communication Modules, Form Nos. 865090-301, -302, -303,
-304, -330, -331, -332, -333, -339, -340, -341, or -401; may be used with peripheral equipment as specified in the installation instructions.

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