



Leak Detection and Locating Systems

Leaks and spills can cause major safety problems.

The TraceTek Fast Fuel Sensor is designed to quickly detect hydrocarbon fuels floating on water or collecting in a sump.

The probe ignores the presence of water, but reacts to a thin film of fuel floating on the surface. In most cases, the TT-FFS will reset when removed from contact of the spill and the fuel is allowed to evaporate.



Petroleum product leakage threatens the health and safety of a near by residential neighborhood with environmental damage



TT-FFS and TT-Float assembly



Mixed floating and fixed TT-FFS installation in a sump

TraceTek TT-FFS Fast fuel sensor can detect a small fuel leak and provide a warning alert signal of a tank containment failure.

Application Components

Catalog Number	Description
TT-FFS	Fast Fuel Sensor
TTC1 or TT-SIM	Control unit
TT5000-CK-MC-M/F	Connector Kit
TT-JC-BLACK	Jumper Cable
TT-FLOAT	Floating assembly

Storage Tanks Bundled Areas

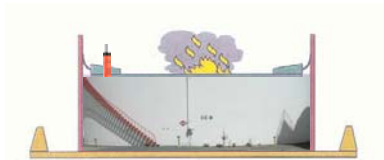


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Tank critical scenarios



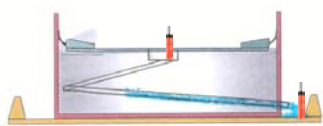
1. Overfill



2. Floating Roofs



3. Leaks (mixer, flange, valve or pipework)



4. Roof drain and tank drain failure



Complete solution to reduce the risk of critical scenarios

Approvals



Sensing probes may be used in Class I, Division 2, Groups A, B, C, D Hazardous Locations. If wiring from module meets requirements for intrinsic safety, sensing cable may be used in Class I, Division 1, Groups A, B, C, and D Hazardous Locations (Zone 0 or Zone 1 in Europe).

The TraceTek products group is a part of Tyco Thermal Controls. Tyco Thermal Controls is ISO 9001 Certified.

Third Party Test and Evaluation

Carnegie Mellon Research Institute "Test Procedures for Third Party Evaluation of Leak Detection Methods: Cable Sensor Liquid Contact Leak Detection Systems"

Ken Wilcox Associates, Inc "Evaluation of the TraceTek TT5000 Product Sensitive Cable For use as a Leak Detection System For Buried Pipelines"



State of Florida Department of Environmental Protection Approval of the TraceTek TT5000 Leak Detection System for Single-Walled Underground Bulk Product Piping File No. EQ-551

European headquarters

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