



Above Ground Storage Tank TraceTek TT5000

TraceTek TT5000 sensing cable installed below the base of an above ground storage tank provides a method of detection of hidden spills or leaks that may otherwise go undetected and cause major contamination and safety concerns.

Tank foundations are not all designed and formed the same. This method of forming a concrete reinforced ring supports the tank and provides a central bund allowing the TT5000 sensing cable to be placed in the backfill material to detect any leaks.

TraceTek TT5000 Sensing Cable installed inside rows of slotted PVC conduit below a storage tank can detect a small fuel leak and provide a warning alert signal of a tank containment failure. Traces of any fuel leakage are drawn into the conduit by capillary action and contact the sensing cable for detection of the leak. TT5000 lines are typically spaced at 4.5 or 6 meter intervals.



TraceTek Leak Detection Systems can monitor single steel-floor storage tanks for fuel leaks in Hazardous Areas at a low install and commission cost, with no system integration requirements. A simple visual leak indicator module begins to flash when the sensing cable detects a small developing leak.



Trenches are created in the backfill for the slotted PVC conduit to be positioned and a hole is formed in the ring wall

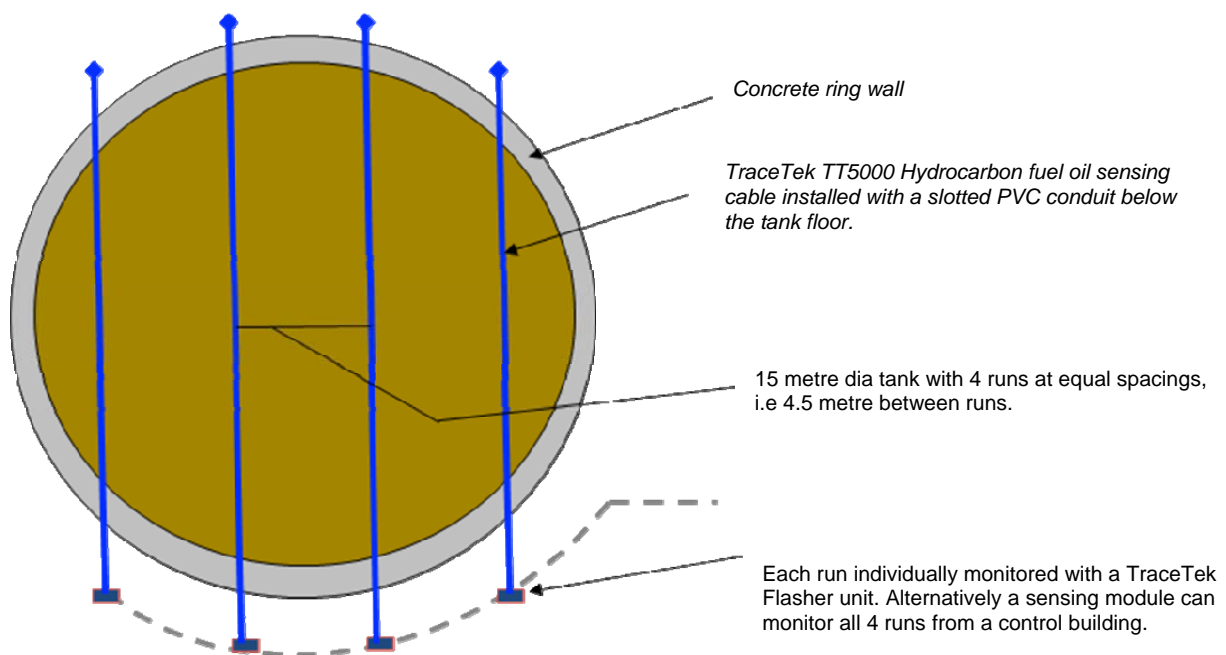


TT5000 sensing cable installed within a slotted PVC conduit



Slotted PVC conduit with a pull rope ready for the installation of the TT5000 sensing cable

Each sensing cable is connected to a Sensor Interface Module which monitors the integrity of the attached sensor cable with a small current passing through all four active wires of the sensor cable. A cable break is detected if any of the four wires in the sensor cable circuit are broken.



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