

## API 2350 – Overfill Protection for Petroleum Storage Tanks

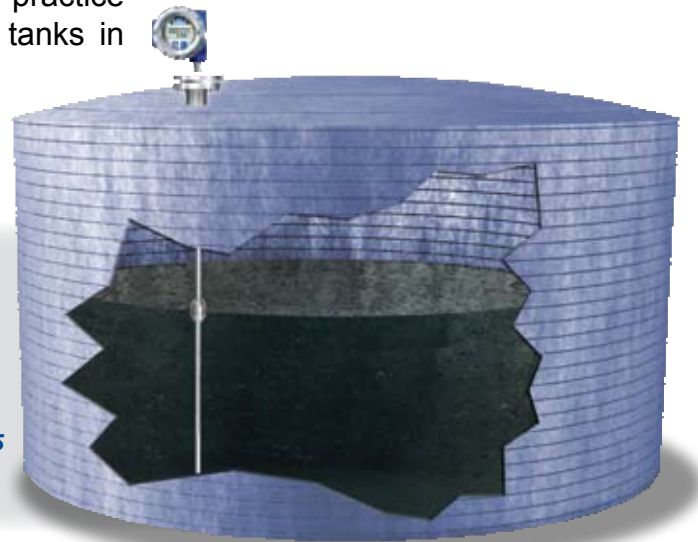
API 2350 is a recommended practice that prevents petroleum storage tanks from being overfilled. This is an important safety and environmental concern. Tank overfills can be significantly reduced by providing for careful selection and application of equipment in storage facilities, by developing and implementing practical and safe operating procedures, and by regular maintenance programs and employee training.

The storage tanks are subject to overfills, spills and resulting fugitive emissions. Beyond this is ground contamination and groundwater pollution. The API practice covers overfill protection for aboveground storage tanks in petroleum facilities. *(continued on page 2)*



**IEC61508  
SIL2 Certified  
080349C001)**

*Click on the certificate to view K-TEK's  
AccuTrak complete SIL report.*



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**24/7 Customer Support**

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# API 2350 – Overfill Protection for Petroleum Storage Tanks

This includes refineries, terminals, bulk plants, and pipeline terminals that receive Class I liquids (flammable) from mainline pipelines or marine vessels. It covers very large tanks to tanks as small as 1320 US gallons, a volume equivalent to a 6 foot diameter tank that is only 6 feet 3 inches tall. K-TEK's AccuTrak Series of continuous level transmitters is the perfect solution for tank protection against overfills. They are used extensively around the world to measure level in process vessels. The performance of the magnetostrictive transmitter is unparalleled.

The K-TEK transmitters are SIL 2 Certified and are SIL 3 capable. These are the only magnetostrictive level transmitters in the industry (world) to be certified to this exacting IEC 61508 safety standard. The SIL2 Certification gives K-TEK a big advantage in the market by offering a safe, more reliable product for their customers. Refineries, chemical and power plants are implementing Safety Instrumented Systems (SIS) in their own plant environments. The use of SIL2 certified instruments reduces risk at the process measurement level.

The transmitters are FM and CSA approved. Other approvals include CEX and CEI, IEX and IEI, and GOST R and GOST K.

K-TEK offers a loop powered 4-20 mA output or digital communications and has been certified by Foundation Fieldbus to ITK 5.1.0. K-Tek remains the world leader in magnetostrictive level detection and continues to make improvements throughout the AccuTrak product line.



## AT100 and AT200 MLT

Level transmitters feature dual compartment design, patented, torsional wave sensor for high accuracy in harsh environments, and SIL 2 certification

## Approvals



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