Krueger Sentry Gauge Emphasizes Tank Overfill Alarm Solutions to Support Spill Prevention

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GREEN BAY, WI - November 18, 2026 -
Krueger Sentry Gauge, a Wisconsin-based manufacturer of liquid level gauges for more than 75 years, is emphasizing its tank overfill alarm solutions as operators of aboveground storage tanks continue to prioritize spill prevention and regulatory compliance. The company's Overfill Alert Gauge line, paired with optional direct-mount and remote-mount audible alarms, provides fuel distributors, chemical handlers, and industrial facilities with a visual and audible warning when a tank approaches capacity.

Overfills during tank filling and product transfers remain a common source of releases at bulk storage sites. Even a small spill can lead to soil and groundwater contamination, costly cleanup, lost product, and potential enforcement action. A tank overfill alarm gives delivery drivers and site personnel a clear signal to stop the fill before liquid reaches an unsafe level.

The Krueger Sentry Overfill Alert Gauge, designated Type OF, is a high-level monitoring device built around a float-driven mechanical mechanism. As the liquid rises to a preset point, the float lifts an indicator that pops up into view, showing that the tank is nearing full. Because the design is mechanical, the visual indication does not depend on electrical power.

"Most overfill events do not happen because people are careless. They happen because nobody got a warning at the right moment," said Lee Geurts, Vice President of Krueger Sentry Gauge. "A reliable high-level indicator combined with an audible alarm gives the person at the fill point a clear cue to stop. That is the practical role these gauges play in spill prevention, and it is why customers keep adding them to both new and existing tanks."

The company offers audible alarm accessories in two configurations. A direct-mount alarm attaches at the gauge itself, while a remote-mount alarm allows the audible signal to be placed closer to the fill connection or an operator station. The remote option is often used on larger tanks or at sites where the gauge is not easily seen from where product is being delivered.

Material selection is a central consideration for overfill protection equipment, since the gauge must hold up to the liquid it monitors. The standard Type OF model uses galvanized steel rods, polypropylene floats, and an aluminum bushing. Stainless steel versions include the Type OF-S1 with stainless rods, the Type OF-S2 with stainless rods and floats, and the Type OF-S3 with all-stainless construction for more demanding service conditions.

For corrosive applications, the Type PO gauge uses plastic construction with PEEK rods, a polypropylene float, and PVC components. Standard models are available in custom lengths from 6 to 76 inches, while stainless and plastic variants range from 6 to 40 inches. The gauges are used with liquids including heating oil, kerosene, ethanol, biofuels, butane, propane, and hydrochloric acid.

Florida Department of Environmental Protection approval is available for the Overfill Alert Gauge, which is relevant for tank owners operating under that state's storage tank requirements. Additional accessories include aluminum lock nuts, protective gauge guards, and glass calibration upgrades.

Regulatory expectations continue to shape how facilities approach overfill prevention. Under the U.S. Environmental Protection Agency's Spill Prevention, Control, and Countermeasure (SPCC) rule, many facilities storing oil must equip bulk storage containers with measures such as high liquid level alarms. Fire codes, including NFPA 30, also address overfill prevention for aboveground tanks.

"Every site is a little different, which is why length, materials, and alarm placement all matter," Geurts said. "The goal is to match the gauge to the tank and the product, so the operator gets a dependable signal year after year with very little upkeep."

Krueger Sentry Gauge serves a broad range of sectors, including petroleum, heating oil delivery, lube oil delivery, chemical and petrochemical processing, wastewater treatment, agriculture, railcar, aviation,

government and military, and food and beverage. In these settings, overfill alert gauges are typically installed alongside other tank gauging and level monitoring equipment as part of a layered approach to liquid storage safety.

The company notes that ease of installation, readability, and minimal maintenance requirements are key factors for tank operators evaluating overfill protection. The gauges are designed to withstand temperature and pressure variations common in outdoor tank installations while maintaining accurate high-level indication.

Krueger Sentry Gauge manufactures a wide variety of liquid level gauges and related accessories for storage tanks. The company is a member of the Petroleum Equipment Institute (PEI) and is accredited by the Better Business Bureau.

For more information about Krueger Sentry Gauge's overfill alert gauges and tank overfill alarm accessories, visit https://www.ksentry.com/product-category/gauges/overfill-alert-gauges/.

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Krueger Sentry Gauge

At Krueger Sentry Gauge, for over 75 years we have manufactured over three million liquid-level gauges. We provide high-quality custom tank gauges for a variety of industries and applications.

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