



Krueger Sentry Gauge Reinforces Need for Reliable Tank Level Gauges

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Krueger Sentry Gauge, an American manufacturer of mechanical liquid level gauges based in Green Bay, Wisconsin, is emphasizing the continued importance of accurate tank level monitoring for facilities that store fuel, chemicals, and other industrial liquids. The company, which has produced more than three million gauges since its founding in 1942, is reminding operators across multiple sectors that proper tank gauging remains a fundamental component of safe and compliant storage operations.

Aboveground storage tanks are found across a wide range of industries, from petroleum distribution and agriculture to wastewater treatment and chemical processing. Despite advances in digital monitoring technologies, many facilities still rely on mechanical float gauges as their primary method of liquid level measurement. These instruments provide direct visual indication of tank contents without requiring electrical power, batteries, or network connectivity, making them a dependable solution in environments where simplicity and reliability are paramount.

Failure to maintain accurate tank level readings can lead to costly and dangerous outcomes. Overfills, in particular, pose serious environmental and safety risks. When a storage tank exceeds its capacity, hazardous

liquids can spill into surrounding containment areas or, in worst-case scenarios, into the environment. Such incidents often result in regulatory penalties, environmental remediation expenses, and operational downtime that can affect an entire facility.

Lee Geurts, Vice President at Krueger Sentry Gauge, noted that many tank operators underestimate the role that a properly functioning gauge plays in daily operations. "A tank gauge is not just a convenience. It is a critical safety instrument that helps prevent overfills, supports inventory management, and ensures compliance with environmental regulations," Geurts said. "When gauges are neglected or allowed to fall into disrepair, the risks compound quickly."

Regulatory agencies at both the federal and state levels have established requirements for tank monitoring and overfill prevention. The Spill Prevention, Control, and Countermeasure rule administered by the Environmental Protection Agency, for instance, applies to facilities that store oil in aboveground containers. Compliance with such regulations often depends on having functional gauging equipment installed and maintained on every tank.

Krueger Sentry Gauge manufactures a full line of mechanical tank gauges designed to accommodate a wide variety of tank configurations and liquid types. The company's product range includes top-mounted swing arm gauges, overfill alert gauges, leak detection monitors, and remote reading instruments. Each gauge is custom manufactured to match specific tank dimensions, with options ranging from six inches to twelve feet in depth.

The company constructs its gauges using corrosion-resistant materials, including 316L stainless steel, galvanized steel, and high-density polyethylene components. For facilities that handle aggressive chemicals or acids, Krueger Sentry Gauge offers all-plastic construction options that provide enhanced chemical compatibility. This material flexibility allows the gauges to perform reliably across applications involving gasoline, ethanol, propane, hydrochloric acid, aviation fuel, biofuels, and numerous other liquids.

Geurts also stressed the importance of routine gauge inspection and maintenance. "Mechanical gauges are built for long-term durability, but they are not maintenance-free. Periodic inspection of floats, rods, and calibration components ensures that readings remain accurate over the life of the tank," he stated.

In addition to its core gauging products, the company supplies accessories such as audible high-level and low-level alarms, remote LED display units capable of providing tank level readings from up to one hundred feet away, and protective gauge guards. These add-on components allow facilities to enhance the functionality of existing mechanical gauges without replacing the entire instrument.

Krueger Sentry Gauge manufactures all of its products in the United States, and every component used in the company's gauges is sourced from domestic suppliers. The company's operations comply with the Buy

American Act, a distinction that is particularly relevant for government, military, and municipally funded projects that require domestically manufactured equipment.

As a family-owned business with more than eighty years of continuous operation, Krueger Sentry Gauge has built its reputation on product reliability and responsive customer service. The company maintains no minimum order requirements and provides technical support for installation, troubleshooting, and parts replacement.

Industry professionals seeking additional information about level gauging solutions can visit Krueger Sentry's tank level gauge product page to review product specifications, request custom quotes, or locate authorized distributors.

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For more information about Krueger Sentry Gauge, contact the company here: Krueger Sentry Gauge
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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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