



SETPOINT™ MONITORING SYSTEM RECEIVES CE MARK

APRIL 16, 2012

HOUSTON, TX – Metrix Instrument Company today announced that its SETPOINT Machinery Protection System had received the CE mark, a requirement for selling instrumentation in the European Economic Area (EEA). The CE mark indicates that the product complies with relevant European Health, Safety, and Environment legislation. For industrial instrumentation systems, the mark is particularly important as it denotes conformance to the EMC (Electromagnetic Compatibility) Directive, a series of strict standards pertaining to electromagnetic compatibility. The EMC Directive encompasses factors such as an instrument’s immunity to radio frequency interference from sources that may typically include hand-held radios and lightning bursts.

Randall Chitwood, Vice President of Condition Monitoring for Metrix, explained the importance of these considerations. “Our instruments are often used as part of critical processes where a missed alarm or false alarm can be very disruptive, very expensive, and/or very hazardous. Keying a walkie-talkie near a monitoring system only to hear the machine tripping off line is one of the most dreaded sounds to any operator’s ears. Likewise, a lightning burst that compromises an instrumentation system can place the machinery and processes it monitors into a compromised condition as well, and this can be unacceptable in many of the industries we serve. With the SETPOINT system, we designed the architecture to be highly impervious to electromagnetic interference – ensuring we could deliver very reliable machinery protection in all types of environments.”

Matthew Nelson, Metrix Engineering Director, concurs. “Immunity to electromagnetic interference was at the forefront of our priorities when designing this system. The chassis is solid aluminum throughout and this served two purposes: to provide outstanding physical robustness and to provide an EMI cage that signals could not easily penetrate.” The system was tested by CKC Laboratories, a recognized leader in EMC testing and consulting services. “They were really surprised,” says Nelson, “because they could barely tell when our system was turned on. That’s how quiet it was in terms of its EMI emissions and susceptibility. I’m very proud of what the team accomplished because it directly benefits our customers.”

About SETPOINT™...

The SETPOINT system was first announced in October 2010 at the A&M turbomachinery show in Houston. It began shipping to customers in July 2011 and to date has been sold to customers in more than 40 countries. The SETPOINT system features an industry-first integral touchscreen display with intuitive graphics inspired by Apple® iTouch®, iPod®, and iPad® portable devices. The system also eliminates the need for special power supplies by using the 24 Vdc instrument power readily available in most plants, thereby reducing heat in the rack and improving reliability. It introduces innovative front-

access wiring connections that make it considerably easier to install and service than rear-access systems. For retrofit applications, its footprint is sized to exactly fit the industry's most commonly installed systems, ensuring existing cutouts and panels can be reused along with existing wiring.

About Metrix...

Metrix Instrument Company (www.metrixvibration.com) is a leading supplier of machinery protection and condition monitoring products and services to industrial customers worldwide. Founded in 1965, Metrix was the first company to offer vibration transmitters, allowing vibration to be more easily integrated with existing plant control and monitoring systems accepting process measurement inputs via industry-standard 4-20mA signals. Today, Metrix does business in more than 50 countries worldwide and, in addition to vibration transmitters, offers a comprehensive portfolio of vibration sensors, electronic and mechanical vibration switches, permanent monitoring systems, and associated field services for machinery diagnostics, system installation and maintenance, and training. Metrix is headquartered in Houston, Texas, with sales and service offices globally.

For More Information...

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