



**American Sensor Technologies, Inc.**

*Your sensor business partner...*

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### **AST RELEASES NEW HAZARDOUS LOCATION PRESSURE SENSOR PRODUCTS CATALOG**

Mt. Olive, NJ - January 27, 2009. American Sensor Technologies, Inc. (AST) has released a new Hazardous Location Pressure Sensor Products Catalog. Due to an expanding product line, new approvals, and added capabilities, their Hazardous Location approved products are segmented into 43 page booklet.

The catalog has three main sections: UL/cUL approved, CSA approved, and Applications.

AST carries UL approved Class I Division 1 intrinsically safe and Class I Division 2 non-incendive products. Three product configurations are featured: Standard, Adjustable and Submersible. Standard and Adjustable sensors are available with pressure ranges from 0 to 2.5 PSI through 0 to 10,000 PSI and Submersible sensors from 0 to 5 PSI through 0 to 100 PSI.

Due to the recent addition of pressure containment requirements in Canada, the company has also expanded its hazardous area product line by introducing the CSA Single Seal approval. Outlined in the catalog, are the new electrical code requirements for pressure sensors in Canada. Listed are all the products approved, including the AST4600 Explosionproof. The CSA certified products are tested to the US UL standards, allowing customers to purchase one sensor for either requirement.

In addition, the Hazardous Location catalog includes typical applications in which each product could be found. Using industry location photographs, the catalog describes how sensors can be used in tanks, on-shore, off-shore, pipelines and compressor panels.

For your copy of the AST Hazardous Location Pressure Sensor Products Catalog, email [sales@astsensors.com](mailto:sales@astsensors.com)

#### **About AST**

AST manufactures state-of-the-art, MEMS-based pressure sensors, transducers and transmitters that offer the best price-performance ratio in the industry. Through the acquisition of noted LVDT manufacturer Macro Sensors (<http://www.macrosensors.com/>), AST also offers a full line of linear/rotary position

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sensors, as well as related instrumentation. Common applications of AST sensor products are in industrial OEM, hydraulic systems, fuel cells, medical gases, HVAC/R, refrigeration (ammonia, Freon, CO2), oil & gas exploration and production, and off-road vehicles. By combining exotic metals and AST's exclusive, proprietary [Krystal Bond™ Technology](#) (an advanced process in which inorganic materials are molecularly diffused onto a metallic surface in the presence of certain gases) in the manufacturing of its pressure sensors, AST can produce high-performance pressure units that support the specialized needs of key niche markets. Many AST products are UL listed as intrinsically safe and certified for explosion-proof required environments. For more information on AST products and technology, please go to AST's website at [www.astensors.com](http://www.astensors.com).