

## **CoorsTek and Innovate Introduce EmiSense Technologies, LLC**

*New entity to offer next-generation emissions sensors  
for air quality and energy efficiency*

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**Hillsboro, Irvine, California, November 24, 2009 – Innovate! Technology and CoorsTek®, Inc.** today announced a joint venture involving certain assets, intellectual property, product lines, trade secrets, and capital to form a new company to be known as EmiSense™ Technologies, LLC. Prior to this joint venture, the EmiSense research team developed advanced emissions sensor technology as a part of Ceramatec, Inc. a Salt Lake City based R&D group and a wholly-owned subsidiary of CoorsTek, Inc.

“With EmiSense we now have the scale, IP and expertise required to fully commercialize our portfolio of smart sensors for clean emissions,” states Patrick Thompson, CEO of EmiSense, and former founder & CEO of Innovate. “The challenge isn’t solely in fabricating high-temperature, co-fired ceramics, or solely innovating superior signal-processing approaches; the challenge is combining these two critical pieces into integrated, cost-effective products.”

“EmiSense is well positioned to convert breakthrough technologies into tangible products serving market-specific requirements,” explains Doug Coors, Executive VP of CoorsTek. “CoorsTek has the global manufacturing capacity required to support the high-volume requirements of industrial and automotive supply chains.”

The initial product focus of EmiSense Technologies includes high-speed, ruggedized oxygen or lambda (air/fuel ratio) sensors, electronic-field particulate matter (PM) sensors, and simplified NO<sub>x</sub> (oxides of nitrogen) sensors. “In a very real sense,” states Mr. Thompson, “these products address the three basic emissions problems – NO<sub>x</sub> for smog, PM for soot, and Lambda for green house gases.”

Ceramatec technical experts will continue to provide advanced diagnostic and analytical services to EmiSense Technologies – offering high-level tools and development resources normally outside the reach of competitive entities. “Now that we have the critical components in place, our top priority is developing strategic channel partners,” concluded CEO Thompson. “These are large and growing global markets, and the right alliances are critical. We believe we can provide everything required, in the form of proprietary components, for existing industrial and automotive manufacturers to expand strategic product offerings in the area of smart emissions sensors.”

**More about EmiSense Technologies:**

With operations in California and Utah, EmiSense Technologies develops smart sensors for clean emissions. Clean combustion is the most impactful form of clean technology in the next decade. EmiSense products are critical enablers for next-generation ultraefficient engines – helping address the problems of fossil-fuel dependence and climate change. For more information on EmiSense, visit the Company’s website at [www.emisense.com](http://www.emisense.com).

**More about CoorsTek:**

Established in 1910, CoorsTek is the largest technical ceramics manufacturer in North America, and a leading provider of components and advanced material solutions for the automotive, aerospace, telecom, semiconductor, medical, and

general industrial markets. The company owns over two million square feet of manufacturing capacity in more than 20 facilities worldwide. For more information on CoorsTek, visit the Company's website at [www.coorstek.com](http://www.coorstek.com).

**More about Innovate! Technologies:**

Based in Southern California, Innovate! Technology develops mixed-signal, application-specific, integrated circuits (ASICs) for next-generation emissions sensors. Innovate's DirectDigital™ signal-processing technology won the 2008 SAE MIT "Best Innovation" competition. For more information on Innovate, visit the Company's website at [www.innovate-tech.com](http://www.innovate-tech.com).

**Image downloads:**

[EmiSense Technologies logo](#)

(<http://www.coorstek.com/resources/images/EmiSense-New-Logo-3.5-inches-300-dpi.jpg>)

3.5 inches at 300 dpi, JPEG file, 733 KB

[CoorsTek, Inc. logo](#)

(<http://www.coorstek.com/resources/images/CoorsTek-485&K-4-inch-wide-300-dpi.jpg>)

4 inches at 300 dpi, JPEG file, 653 KB

[Ceramatec, Inc. logo](#)

(<http://www.coorstek.com/resources/images/Ceramatek-logo-horizontal-4-inch-wide-300-dpi.jpg>)

4 inches at 300 dpi, JPEG file, 678 KB

[High-resolution image of Particulate Matter Sensor](#)

(<http://www.coorstek.com/resources/images/PM-Sensor-5x7-300-dpi.jpg>)

5x7 inches at 300 dpi, JPEG file, 1.5 MB

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