EMERSON INTRODUCES ENHANCED ROSEMOUNT® ANALYTICAL OXYGEN AND COMBUSTIBLES TRANSMITTER FOR COAL-FIRED APPLICATIONS

OCX8800 transmitter with improved sensor technology supports FOUNDATION™ fieldbus communication

SOLON, OHIO (June 30, 2009) – Emerson Process Management has enhanced its Rosemount® Analytical OCX8800 oxygen and combustibles transmitter to offer advanced functionality and reliability in coal-fired applications, helping to improve burner efficiency and reduce nitrogen oxide (NOx) emissions. Featuring oxygen and combustibles measurement capabilities in a single design, the new OCX8800 boasts an improved sensor technology that reduces drift. It is the first transmitter of its kind to support FOUNDATION™ fieldbus communications.

"Until now, coal-fired facilities had an unmet need for reliable oxygen and combustibles data because environmental conditions prohibited the supply of information," said George Keeler of Emerson's Rosemount Analytical Process Analytic division. "The rugged design and new sensor technology of the OCX8800 has finally made it possible to achieve stable and reliable measurements under many coal-fired conditions. Access to this data helps operators fine-tune the fuel-to-air ratio and minimize NOx emissions by properly monitoring burner performance."

Adaptable to any oxygen and combustibles installation, the enhanced OCX8800 is NEMA 4X rated for weather resistance, corrosion resistance and is rated as explosion-proof. The device can be configured for general purpose installations or it can be configured for hazardous area locations in which CSA/FM Class 1, Zone 1 ATEX II 2 G EExd and IECex ratings are required.

The proprietary software also includes new features that minimize COe cell degradation for improved reliability with fewer calibrations. And for added flexibility, the OCX8800 supports FOUNDATION fieldbus and HART® communication. The transmitters are part of Emerson's broad range of intelligent, digital field devices that power the PlantWeb® architecture. Further cost savings, increased plant availability, and enhanced safety and environmental compliance are achieved when the transmitters are integrated into the PlantWeb digital plant architecture.

The OCX8800 is easy-to-install with no electronics box, probe cable or conduit, and features a universal power supply for automatic line-voltage selection. Integral or remote-mounted electronics options are also available.

An updated product data sheet outlining all the OCX8800's features and benefits is available online at www.emersonprocess.com/raihome/gas. For more information, contact a Rosemount Analytical Process Analytic division representative at 800-433-6076.

About Emerson Process Management

Emerson Process Management (www.EmersonProcess.com), an Emerson business, is a leader in helping businesses automate their production, processing and distribution in the chemical, oil and gas, refining, pulp and paper, power, water and wastewater treatment, metals and mining, food and beverage, pharmaceutical and other industries. The company combines superior products and technology with industry-specific engineering, consulting, project management and maintenance services. Its brands include PlantWeb®, Fisher®, Micro Motion®, Rosemount®, Daniel®, DeltaV™, Ovation®, and AMS® Suite.

About Emerson

Emerson (NYSE:EMR), based in St. Louis, Missouri (USA), is a global leader in bringing technology and engineering together to provide innovative solutions to customers through its network power, process management, industrial automation, climate technologies, and appliance and tools businesses. Sales in fiscal 2008 were $24.8 billion and Emerson is ranked 94th on the Fortune 500 list of America's largest companies. For more information, visit www.Emerson.com.

PlantWeb, Rosemount, Fisher, Micro Motion, Daniel, DeltaV, Ovation and AMS are marks of Emerson Process Management. All other marks are the property of their respective owners.