



MSA Announces Availability of 'Game-Changing' S5000 and Ultima® X5000 Gas Detection Systems

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PITTSBURGH, April 24, 2017 /PRNewswire/ -- Global safety equipment manufacturer MSA Safety Incorporated (NYSE: MSA) today announced it is redefining expectations for gas detection technology with the launch of a new line of advanced gas detection monitors. The S5000 and Ultima® X5000 gas monitors – known collectively as MSA's Series 5000 Transmitters – enhance facility and worker safety while significantly simplifying and minimizing system maintenance requirements.



The S5000 and Ultima X5000 systems are the result of a four-year research and development effort involving three MSA global design centers. This represents the company's largest ever new product development effort in the area of fixed gas and flame detection.

In use, the Series 5000 Transmitters are mounted at a fixed point and protect assets and workers within a facility by sensing low levels of toxic or combustible gases in the air. The new systems are powered by advanced and differentiated technology that provides improved facility and worker safety at a lower cost of operation. The nerve center of this system is MSA's line of best-in-class XCell® sensors with TruCal™ technology. Among their many capabilities, these innovative sensors automatically compensate for environmental shift and sensor drift, meaning operators don't have to touch or calibrate the gas monitor for up to 18 months.

"These systems are true 'game-changers' that will further strengthen MSA's market-leading position in the global fixed gas and flame detection market," said William M. Lambert, MSA Chairman, President and CEO. "We know, from a tremendous amount of voice-of-customer input, our customers wanted a tough, user friendly and reliable system they can set, forget, and know workers are protected. With the S5000 and Ultima X5000 Monitors, operators can do just that – and trust these new systems will function as designed, and do so at a significantly lower overall cost of ownership," he said.

MSA's Series 5000 Transmitters are designed for a broad range of applications where toxic and combustible gases pose a workplace hazard. They are particularly suited for the oil, gas and petrochemical industry, where monitoring conditions can be severe. The two new systems are designed as a replacement option for the company's large installed base of previous generation systems. The S5000 model, which the company will market under its General Monitors brand, represents a premium option designed for use in particularly harsh environments. For all other applications, the Ultima X5000 offers the industry's most intuitive and user-friendly interface for customers who want to standardize and simplify their gas detection program.

Mr. Lambert commented that the new gas detection monitors provide a good example of how MSA's core product focus and R&D investments are yielding innovative safety solutions that support the company's growth strategy and market leadership goals. "At MSA, we often talk about the value of safety," he said. "These new gas detection systems are great examples of that mindset in action, where we are using breakthrough technology and innovation to generate value for all MSA stakeholders."

About MSA

Established in 1914, MSA Safety Incorporated is the global leader in the development, manufacture and supply of safety products that protect people and facility infrastructures. Many MSA products integrate a combination of electronics, mechanical systems and advanced materials to protect users against hazardous or life-threatening situations. The company's comprehensive product line is used by workers around the world in a broad range of markets, including the oil, gas and petrochemical industry, the fire service, the construction industry, mining and the military. MSA's core products include self-contained breathing apparatus, fixed gas and flame detection systems, portable gas detection instruments, industrial head protection products, fire and rescue helmets, and fall protection devices. With 2016 revenues of \$1.15 billion, MSA employs approximately 4,300 people worldwide. The company is headquartered north of Pittsburgh in Cranberry Township, Pa., and has manufacturing operations in the United States, Europe, Asia and Latin America. With more than 40 international locations, MSA realizes approximately half of its revenue from outside North

America. For more information visit MSA's web site at www.MSAafety.com.



The Safety Company

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MSA - Mark Deasy, (724) 741-8570 | Investor Relations - Kenneth Krause, (724) 741-8534