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## **Countdown to A+A – MSA to showcase next generation in safety technology and innovation**

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*BERLIN, September 2017* – For industries that require personnel to work at heights, such as wind energy, utilities, construction, telecommunications and transportation, where safety standards are more stringent than ever, the demand for high-quality fall protection equipment has never been greater.

In line with this safety at heights focus, MSA Safety (NYSE: MSA) will showcase a broad new line of innovative fall protection devices at the upcoming A+A Show in Dusseldorf, Germany, October 17 to 20. Among those products is MSA's new line of V-Series Harnesses which include a lightweight and durable model called the V-FORM harness, as well as a padded and tailored V-FIT option. Both models feature fully adjustable straps, comfort features and dual load indicators to alert wearers that the harness has been involved in a fall event. The V-FIT model also includes shoulder and leg padding for increased comfort.

MSA also will unveil its new V-SHOCK Personal Fall Limiter (PFL) which, when used with a compatible MSA harness, quickly and effectively slows and halts a wearer's descent in the event of a fall. The V-SHOCK PFL incorporates MSA's patented spring radial energy-absorbing technology that requires no calibration or adjustment. It also features a super-strong rubberised casing to provide exceptional durability, making it ideal for the building and construction industry sectors.

The V-Series range of fall protection equipment is named after MSA's iconic V-Gard® safety helmet, which is used by millions of workers across the globe. The V-Series line, when used in conjunction with MSA's suite of Latchways engineered lifelines, offers one of the highest levels of fall protection available today. It also means MSA can offer customers a full portfolio of work-at-height solutions, ranging from permanent guard rails and engineered lifelines to personal protective equipment (PPE).

Also making its expo debut will be the company's new mobile Fall Protection Training Center, a fully-equipped vehicle capable of interactive fall protection product demonstrations. The vehicle will be on hand throughout the show and located outside of Hall 7 at stand 7A-01.

In addition to fall protection equipment, MSA offers a complete portfolio of safety solutions, ranging from self-contained breathing apparatus to fixed gas and flame detection systems, to industrial head protection products and fire and rescue helmets, plus training and product selection expertise - all with the singular goal of helping protect workers on the job.

At the A+A Show, MSA will be shining another spotlight on its wireless **gas detection** technology, highlighted by the ALTAIR 4XR Multigas Detector which provides real-time alarm and event notifications, with speed, reliability and durability that delivers an entirely new level of gas detection performance. With Bluetooth connectivity, the ALTAIR 4XR detector is a four-gas device that, when paired with the MSA ALTAIR Connect app, can text alarm notifications to supervisors and team members.

With a focus on reducing the overall cost of ownership for safety investments, MSA also plans to showcase game-changing technology in the area of "fixed" gas and flame detection solutions. Specifically, MSA will be showcasing its new line of ULTIMA X5000 Gas Monitors with advanced OLED display, two sensor inputs, and MSA XCell gas sensors with extended calibration periods. This ULTIMA X5000 monitor is the first product to have two sensor inputs into the one transmitter – meaning coverage is doubled. The ULTIMA X5000 is powered by a series of best-in-class sensors and its performance is assured by the industry's most comprehensive warranty coverage. MSA is also introducing a new breakthrough with TruCal™ technology on selected XCell toxic gas sensors.

TruCal technology compensates for sensor drift caused by environmental changes. In other words, users don't have to touch or calibrate the detector for up to a year and a half. The high-resolution OLED display has been designed in such a way that users can tell at a glance the status of the detector, keeping safety as easy as possible.

As a leader in FGFD technology, the company is also displaying new technology driven by its 2016 acquisition of UK-based Senscient. The Senscient ELDS is a laser-based open path gas detector providing unmatched filtering technology to reduce the likelihood of nuisance alarms. Available for a wide range of toxic and flammable gases, it utilises Bluetooth

technology to provide a wireless solution that offers fast response time for safety critical ventilation zone and cross duct application.

MSA's innovations in safety will be on display in Dusseldorf on MSA's stand, located at **Hall 6, booth H29**. Each day during the show the MSA team will be demonstrating products, answering technical queries and helping visitors make their workplaces safer for those who need to work at heights, operate in confined space or manage any other hazardous environment. An open invitation is issued to visit the MSA booth and talk about any aspect of the MSA range with the safety experts.

For further information please contact your local MSA affiliate or visit [MSAsafety.com](http://MSAsafety.com).

### About MSA

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*MSA, based north of Pittsburgh in Cranberry Township, Pa., has annual sales of approximately \$1.2 billion, manufacturing operations in the United States, Europe, Asia and Latin America, and 42 international locations. 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 line of products 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 2015 revenues of \$1.1 billion, MSA employs approximately 4,600 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 website at [www.MSAsafety.com](http://www.MSAsafety.com).*

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