

# SPOTLIGHT ON SAFETY®

## MSA V-Gard®...The Official Hard Hat of a Safer Tomorrow

When safety is the #1 priority, MSA's V-Gard Helmets are the #1 hard hats of choice. Available in 20+ colors; with four suspension options; and three different cap sizes to ensure a perfect fit, MSA's V-Gard Protective Caps and full brim Hats remain the preferred head protection of workers world-wide. And with our complete line of MSA V-Gard Accessories and MSA's "Best in Class" logo program, accessorizing and customization have never been easier.

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## New Evolution® 6000 Thermal Imaging Camera Takes the Guesswork Out of Fighting Fires

MSA's new Evolution 6000 Thermal Imaging Camera (TIC) is designed to be NFPA 1801 compliant and is the most advanced and rugged thermal imaging camera ever built! This lightweight TIC provides new and enhanced features including best in class image quality, laser pointer and range finder, integrated video and picture capture, and integrated wireless video transmission system. NFPA 1801 compliant models will provide the industry's best mix of features to support the thermal imaging needs of every fire department, rescue organization, strike team, or HazMat crew.



To learn more about the TIC, visit [MSAsafety.com](http://MSAsafety.com), Keyword: E6000.

To learn more about NFPA 1801, scan the code with your smartphone.

## Simplicity Counts with MSA's GALAXY® GX2 Automated Test System



MSA's new GALAXY GX2 Automated Test System provides advanced safety management and effortless operation. Efficiently manage your portable gas detection fleet through simple, intelligent testing and calibration of MSA ALTAIR® and ALTAIR PRO Single-Gas Detectors and ALTAIR 4X and ALTAIR 5X Multigas Detectors.

The GALAXY GX2 Automated Test System offers ease of use – you can calibrate and test effortlessly with touch-free operation for calibration or bump tests. It provides a lower cost of ownership by saving you time, gas and money, exceeding a 50% savings in cost of ownership, including calibration gas expenses when combined with high-performance MSA XCell® Sensors, the most advanced technology available in any portable gas detector on the market.

New MSA Link™ PRO Software offers proactive safety management with easy setup, including set point upload and calibration gas and expiration warnings. View test and exposure data, session and periodic logs at a glance. Simplicity counts with MSA's new Galaxy GX2 Automated Test System.

To learn more, scan the code with your smartphone or visit [MSAsafety.com](http://MSAsafety.com), Keyword: GalaxyGX2.



### SUPREMA® Touch Controller

2012 signaled the launch of the SUPREMA Touch Controller. Ideal for use in compressor stations, drilling and production platforms, refineries and pipelines, LNG/LPG facilities, storage facilities, chemical plants, electric power plants and wastewater treatment plants, the SUPREMA Touch provides ease of use, flexibility and processing power.

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### Pittsburgh Post-Gazette Names MSA Top Workplace for the Second Consecutive Year!

MSA has again been recognized by the Pittsburgh Post-Gazette as a "Top Workplace" in Western Pennsylvania. This is the second year in a row that we have achieved this distinction! Overall, MSA ranked third in the Large Company category. We also scored high in each of the specific areas surveyed including: company values, leadership and strategy; how the company communicates and gets work done; associate pay and benefits; opportunities for training and progression; work atmosphere and work environment; and quality of the managers and their managerial skills.

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### MSA EVOTECH® Harness Arrests Nineteen-Foot Fall

Framer Daniel Turner of Edmonton, Alberta, Canada, knows how it feels to slip from a roof without fall protection. While working on a garage some years ago, he lost his footing and fell, causing injury to his hips and ribs. Thankfully, when he fell again while sheeting a residential roof for JNZ Enterprises, Inc. last April, he was wearing an MSA EVOTECH Harness and an Aptura™ LT 30 Self-Retracting Lanyard that not only arrested a nineteen-foot drop but caused him no pain, not even in the old injuries that still flare up from the first fall.

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## MSA EVOTECH Harness Arrests Nineteen-Foot Fall

Turner says of his experience with the EVOTECH Harness, "It was the best fall I ever had. I give it a ten. The way it kicked in... it was beautiful. I think the other guys were more scared than I was."

After his first fall, Turner became conscientious about fall protection. "Injury affects everything," he says. "I've got three kids and a wife who love me and they're all depending on me; serious things to consider when you're up there." Still, he says he used the old models grudgingly, as they were restrictive and hindered productivity. Then the EVOTECH Harness came along and changed everything, he says, as it combines the best safety and usability. The Aptura LT 30 Self-Retracting Lanyard allows for freer range of motion and the harness kicks in when it's needed most.

"I can't say enough about this product. With the retractable, you can do your job and if you slip you know you're not going to die," Turner says, "I'm a believer. I wouldn't want to work on a roof without one."

To learn more, visit [MSAsafety.com](http://MSAsafety.com), Keywords: EVOTECH Harness.



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## SUPREMATouch Fire and Gas Controller

The modular design of the SUPREMATouch System meets the requirements of a diverse range of industries and applications, while complying with all relevant global safety standards. The system builds on the success of the original innovative SUPREMA Control System design and features a large color touchscreen display and enhanced processing capabilities. It can be used with a wide range of detectors, including combustible and toxic gas, oxygen, smoke, fire and heat. Output options include relay, and analog and digital communication between racks, which allows interfacing to external systems using Modbus or Profibus.

Whatever the application, our strong experience in gas detection enables us to provide the best combination of detectors, components and systems that will ensure reliable and secure protection of your personnel and facilities.

To learn more, scan the code with your smartphone or visit [MSAsafety.com](http://MSAsafety.com),  
Keyword: SUPREMATouch.



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## MSA Named Top Workplace



Pittsburgh Post-Gazette  
[post-gazette.com](http://post-gazette.com)



The Post-Gazette based their determination exclusively on the feedback gathered earlier in the year from our Pittsburgh-area associates and from employees at more than 700 Pittsburgh companies.

Because of our local success and high ranking over the past two years, MSA has also been recognized as one of America's Top Workplaces by Workplace Dynamics, LLC. Workplace Dynamics began the Top Workplaces competition in 2006 as a regional effort to help companies improve the way they conduct their business. The competition has since evolved to include regional programs sponsored by more than 30 newspapers across the nation, including the Pittsburgh Post-Gazette.

A top workplace is one that is successful with the bottom line, but also places a heightened focus on employees. At MSA, we couldn't be prouder of these Top Workplace recognitions. Our employees are the best in the safety industry and continue to make MSA the leader it is today.



## V-Gard

### THE OFFICIAL HARD HAT OF A SAFER TOMORROW



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## V-Gard Protective Caps and Hats

MSA's customers know that our long-standing history of quality and durability are built into every MSA helmet. We're proud of that long-standing history and believe we've got quite a story to tell! So, in January 2013, MSA launched a new campaign: MSA V-Gard... The Official Hard Hat of a Safer Tomorrow. This campaign focuses on the unique attributes and strengths of our products that have made V-Gard Protective Caps and Hats the best-selling in North America. Look for our new ads in industry publications, in social media and digital magazines.

To learn more, scan the code with your smartphone or visit [MSAsafety.com](http://MSAsafety.com), Keywords: Try VGuard.

For more details & product literature, go to [MSAsafety.com](http://MSAsafety.com)



## New MSA V-Gard Headgear: **88.7% of Trial Users Prefer It!**

Introducing V-Gard Headgear from MSA; face protection designed to work with V-Gard Visors, and upgraded with unique, customer desired features.

V-Gard Headgear weighs less than most competitive products and, according to trial users, provides better balance, security and overall fit. Our unique, patent-pending Infini-just lift/closure uses easy to grip, self-retained knobs to ensure unlimited visor positions - and no removable parts to misplace! The replaceable, sweatwicking, cushioned headband and ratchet cover helps keep workers dry and cool, and come standard with every headgear.

Best of all, V-Gard Headgear is designed to work with V-Gard Visors and Chin Protectors. Select V-Gard General Purpose or Elevated Temperature, Extended Crown Headgear for work areas where head protection is not needed.

To learn more, visit [MSAsafety.com](http://MSAsafety.com), Keywords: VGuard Headgear.

## MSAsafety.com Introduces Website Enhancements and **E-Commerce Capabilities for U.S. Channel Partners**

MSA has integrated e-commerce capabilities into our website to provide a seamless, streamlined account management process. Designed to simplify the online user experience, all pertinent information is now housed in one easy-to-access location; allowing our U.S. Channel Partners and Manufacturer Representatives to access product data, manage and retrieve their account information and make product purchases with just a click!

To enter our e-commerce site and utilize its secure capabilities, visit [MSAsafety.com](http://MSAsafety.com) and click "Partner Login." For those who have an active MSA24 account, your login name and password will provide access. And, for those who don't, just follow the instructions to enroll in our e-commerce program.

Some other notable design enhancements include: **Improved Navigation** that makes it easier to browse; a new **Product Comparison Tool** that allows users to view up to four products, with content details, side-by-side; a **Dynamic Media Viewer** to accommodate images, videos, and 360 degree views within product pages; and the addition of "Customers Also Viewed" feature.

We welcome you to explore our new site features. For a demonstration of our latest enhancements, please scan the code with your smartphone.



## MSA's new Workman® SRL **Provides Best Value for Your Dollar**

MSA's new Workman Self-Retracting Lanyard (SRL) is now offered in both a 30-ft and 50-ft length to provide much needed mobility. It features a lightweight, durable thermoplastic housing and impact-absorbing bumpers that are designed to provide years of dependable service. This RFID enabled product simplifies product tracking and inspection. Its integral, ergonomic carrying handle eases transport and installation. Not to mention, a 400 pound working capacity that increases versatility. The new Workman 30-ft and 50-ft SRL is available with a galvanized or stainless steel lifeline to fit your varied applications. It also provides a swivel snaphook, with load indicator at lifeline end that greatly limits twisting of the cable. It will also alert users that the Workman SRL has been involved in a fall. Certified to ANSI Z359.14-2007 and CSA Z259.2.2, and meets all OSHA requirements for compliance and peace of mind.

To learn more, scan the code with your smartphone or visit [MSAsafety.com](http://MSAsafety.com), Keyword: WorkmanSRL.



## Cairns® Helmet Keeps Firefighter **Cool in a FLASH**

"We answered a call for a residential structure fire, just six minutes outside of town. A mobile home was on fire," said Firefighter Jim Stanford, Magee Volunteer Fire Department, Magee, MS. "My partner and I were the first of two teams in," he added.

Upon entering the first bedroom, Stanford, a nine year veteran, and his partner, were able to knock down the fire, blacking it out. Stanford explained that upon exiting the bedroom, they were crouched low, feeling their way, when his partner said, "hang on, I'm out of hose." He retreated roughly 8-feet and noticed something still blazing. He said, "There's still some fire," and motioned to a flaming bucket. "Let's knock it down," he said. "I spotted the bucket, sprayed it, and instantly, it flashed and became fully involved again," said Stanford.

Suffering third-degree burns to his left ear and second-degree burns to his right ear and to both hands, Stanford was relieved that his injuries weren't worse and believes his Cairns Helmet helped protect him. He later learned the bucket had contained nitromethane that the homeowner had used for fueling model airplanes. "I knew the fire was bad, I knew it was dangerous, but I had no idea just how extreme the heat was until after we exited the trailer." Although charred, his hood and Cairns Helmet were still in tact. "I asked the Lord to get the bees off me," said Stanford. "And, he did! Thank you, Cairns!"





## ALTAIR Fire CO Detector Saves Lives

In 2009, Chief Curtis Goodman, Norwood Fire Department, initiated a new departmental directive: all trauma bags must include an ALTAIR Fire CO Detector. "Although there had been some resistance, each "go bag" was equipped with a detector that remained on 24 hours a day," explained Goodman.

And, what a lifesaving initiative that turned out to be!

On October 28, 2011, firefighters and medics, Michael Mullins and Robert Schlachter, answered a call from an ill woman who lived in the apartment located on the third floor of a house. As the men were climbing the stairs to reach her, an alarm started beeping. Startled, they looked for its source and discovered the 'beeping' sound was coming from the ALTAIR Gas Detector attached to their trauma bag. It showed a CO level at 700 ppm in the stairwell. Once inside the apartment, the reading shot up to 1178 ppm.

"Mullins and Schlachter made eye contact with the victim, Theresa Hannah, who was clearly disoriented. She walked to the stairs, where she fell unconscious. The medics quickly carried her downstairs and were placing her onto a cot as our ladder company arrived," explained Lieutenant Marty Kroell. "Knowing what we were facing enabled us to effectively treat the victim. The ALTAIR Detector not only saved Ms. Hannah's life, but it also prevented any risk of injury to the firefighters/medics on the scene. Not to mention, the inevitable CO exposure to the remaining house residents," said Kroell.

After evacuating the premises, Kroell and Firefighter Brian McCarthy donned full personal protective equipment (PPE) and SCBA to enter the home. After opening doors and windows to ventilate, further investigation led to the source of contamination; it was a faulty boiler located in the basement. The third-floor apartment was heated by forced air, so when Hannah turned on her heat, the CO from the basement was circulated into her apartment. "Without the detector, we may not have identified the root of the problem," Kroell said. We are happy to report that Miss Hannah had no lasting injuries from this ordeal. "Because of the ALTAIR Fire's CO alert, our quick response saved lives," concluded Kroell.



To view this story in its entirety, please scan the code with your smartphone.

## PrimaX® Gas Transmitter from MSA... Versatile Gas Detection to Meet Your Needs

The new PrimaX Gas Monitor from MSA offers proven quality and reliability and is available in explosion-proof and intrinsically-safe versions. Both are suitable for laboratories, chemical plants, power plants and other industry settings.

The PrimaX P Gas Monitor is designed to provide explosion-proof detection for oxygen and toxic and combustible gases, indoors or outdoors. The flameproof transmitter is housed in a powder-coated aluminum enclosure that will protect it in extremely dangerous conditions. The unit also features a large, easy-to-read LCD screen and three LED status indicators for up-to-the-second reporting. It can be easily calibrated using the built-in keypad. What's more, it uses a 4-20 mA output signal to transmit its data, and it can also be configured to use HART digital communication.

The PrimaX I Gas Monitor delivers intrinsically-safe detection of toxic gases or oxygen, indoors or outdoors. The transmitter provides dependable, accurate gas detection and is housed in an antistatic, reinforced nylon enclosure. It also has a large, easy-to-read LCD screen and attaches to an integral mounting plate for easy installation, while the built-in keypad makes for quick, simple calibration.

The innovative enclosure design, ease of use, fast installation, and suitability for both indoor and outdoor installations make the PrimaX Gas Monitor your choice for versatile gas detection.

To learn more, visit [MSAsafety.com](http://MSAsafety.com), Keyword: PrimaX.



## MSA PrimaX® IR Combustible Gas Monitor for **Reliable Performance in Extreme Conditions**

MSA's SIL 2-certified PrimaX IR Combustible Gas Monitor withstands the most challenging environmental conditions. With our patent-pending PrimaX IR Dual-Source redundancy, uninterrupted monitoring is provided in case a source failure occurs. Obscurements due to environmental conditions are minimized. Maximized optics provide exceptional signal and extraordinary stability. Unique Environmental Guard with patent-pending clamshell design provides convenient installation in tight locations.

To learn more, visit [MSAsafety.com](http://MSAsafety.com), Keyword: PrimaXIR.

COMING SOON

## Cairns® Dragon Front Holders **Now Available**

Cairns Carved Brass Dragon Front Holder is the latest addition to MSA's wide selection of front holders. Made in the USA, the Cairns Carved Dragon Front Holder is designed to fit our Cairns leather and traditional fire helmets with 6" fronts, with the exception of the Cairns 880 Traditional Helmet. Designed in the classic Cairns style you've come to trust and rely on, Cairns Carved Brass Dragon Front Holders are made to help protect firefighters from neck injury, not to mention to withstand the daily rigors of the job.

To learn more, scan the code with your smartphone or visit [MSAsafety.com](http://MSAsafety.com), Keyword: Dragon.



## MSA V-Gard Slotted Hats **Make Accessorizing Easy**

Providing solutions that address **your** specific needs is what drives us. You spoke, we listened and we delivered with the introduction of the new Slotted V-Gard full brim Hat. Gone are the days of drilling holes into hard hats!

MSA V-Gard Slotted Hats are now available in all 20+ colors. What's more? With the addition of slots, our V-Gard Helmets retain the Class E dielectric rating mandated by ANSI Z89.1. And, if you don't wish to transition to a slotted hat, we can offer you slot plugs. We aim to please!

To learn more, visit [MSAsafety.com](http://MSAsafety.com),

**Keywords: Slotted Hats.**



## MSA's Sound Control® SH **Ear Protection that fits to a "V"**

MSA introduces Sound Control SH, a compatible ear muff that is designed to fit snugly into the new accessory slots on the V-Gard Slotted full brim Hard Hat. With three distinct wearing positions, easy cup height adjustment and exceptional grip, the Sound Control SH provides ease of use when adjusting the cup, even with gloved hands. The spring design provides low pressure. Inside the ear cup, you'll take notice of the maximum space allotted to allow for full coverage of the ears. For added comfort, this ear muff provides soft ear cup material that makes extended wear effortless. MSA's Sound Control SH - That's ear protection made easy!

To learn more, visit [MSAsafety.com](http://MSAsafety.com),

**Keywords: Sound Control SH.**

## MSA Helps Bring Infant CPR Training to New Parents



MSA has partnered with the American Heart Association (AHA) and the Butler (Pennsylvania) Health System to provide the new parents at Butler Memorial Hospital (BMH) with "learning kits" that make infant CPR training simple.

The AHA's Infant CPR Anytime® Kit was developed to ensure new and expectant parents are prepared should they ever need to perform infant CPR or provide infant choking relief. The kit is an easy-to-use personal learning program that includes a bilingual, educational DVD and an infant mannequin to help parents properly learn the steps for administering lifesaving procedures. The kit can also be shared with anyone responsible for the care and safety of an infant, in either the comfort of home or in a large community setting.

"The safety of people of all ages is important to us at MSA, and we are proud to provide new parents with this valuable resource," said William M. Lambert, MSA President and CEO. "While we hope parents never have to use the skills explained in the kit, our goal is to give them the peace of mind and confidence they need to safely welcome their newborns home," he said.

"Anyone can learn CPR – and everyone should! Unfortunately, 70% of Americans may feel helpless during a cardiac emergency because they either do not know how to administer CPR or their training has significantly lapsed," said Barb Roth, American Heart Association Butler County Division Director. "We applaud MSA for taking the lead in helping new parents and families learn this important lifesaving skill."

For more details & product literature, go to [MSAsafety.com](http://MSAsafety.com)

# WIN A TAILGATE PARTY FOR YOUR TEAM

## MSA Celebrates Safety with our **Win a TAILGATE PARTY for Your Team Promotion**

In October 2012, to celebrate safety, MSA launched a campaign to encourage people to share their favorite MSA safety stories, MSA experiences and/or MSA product testimonials for a chance to "Win a TAILGATE PARTY for THEIR Team."

Entering was easy; visit our home page, click the link to the entry form and tell your story. We were overwhelmed by the moving stories that poured in. The entries were representative of what we believe to be MSA's greatest asset: our people, the relationships we share with our customers and our innovative safety products.

We randomly selected winners each month. Each received a workplace luncheon (up to \$500) from a restaurant of their choosing, an MSA NFL V-Gard Hard Hat of their favorite football team and a certificate.

We can't thank you enough for your overwhelming response. Stay tuned for similar promotions.

To tell us your MSA Safety story, scan the code with your smartphone or visit [MSAsafety.com](http://MSAsafety.com).



### AND THE WINNERS WERE:



**OCTOBER 2012**  
Doug Nugent, *Manager of Integration & Support, Environmental Health & Safety, The Shaw Group*



**NOVEMBER 2012**  
Dan Fitzsimmons, *Field Service Technician, JMI Instrument Co.*



**DECEMBER 2012**  
John Curcio, *CHST, STS, EMT-P Training, Med-Tex Services*



**JANUARY 2013**  
David Arwood, *Health, Safety & Environmental Specialist, Kemira Chemicals Inc.*





## A Cinder Block is No Match for an **MSA V-GARD Helmet**

In most circumstances, having a large concrete cinder block tossed on your head would kill you, or at the very least, it might just ruin your day. However, Doug Pingree, then a junior field engineer, quickly learned that he was the exception when he was protected during what could have been a fatal mishap.

In Ponce, Puerto Rico, Pingree was at the construction site of a power plant, wearing an MSA V-Gard Protective Cap. Laborers were erecting the wall that connected the stairs. "This was cinder block construction and as they attached a concrete block to form the wall, they were simply chopping off whatever portion of the block that wasn't needed, and then carelessly tossing it down," Pingree explained.

At the time, this technique was unbeknownst to Pingree, who was struck from above by roughly one third of a cinder block. "It stunned me," said Pingree. "I heard a flurry of Spanish words coming from the workers as they stared down at me, I think in disbelief. But, I was just fine. I didn't even have a headache," he said.

Pingree's V-Gard Hard Hat, however, wasn't so lucky. Dented from the accident, it needed to be replaced. In the meantime, Pingree's company had switched vendors and tried to issue him a hat from a competing manufacturer. "It was flimsy, with a bendable brim, and I just didn't feel comfortable with it," Pingree explained. When he told his story about how that MSA V-Gard Hat had quite literally saved his life, someone listened because shortly thereafter his company switched back to V-Gard Helmets. "The other hard hats were supposedly a better buy because they were less expensive, but what price can you put on saving a life?" asked Pingree. "I won't wear anything other than a V-Gard from MSA."

In an interesting twist, years after Doug Pingree's life was saved by a V-Gard Helmet, his wife, Susan Pingree, joined MSA as a Product Line Manager, helping to market the very product that saved her husband's life.

## MSA Strives to Inspire the Next Generation through "Design Lives Here 2012"

MSA proudly sponsored a local educational outreach program called "Design Lives Here." This initiative was based on PBS Television's Design Squad Nation, a reality-based program targeting middle school children. The goal of this unique initiative was to promote a love of learning and to inspire our next generation to actively pursue careers in Science, Technology, Engineering, and Math.

In conjunction with WQED Multimedia and the Engineers' Society of Western Pennsylvania, MSA supported participation of Franklin Regional Middle School in Murrysville, Pennsylvania and Haine Middle School in Cranberry Township, Pennsylvania.

The participating classrooms were assigned four specifically-designed engineering-based challenges. MSA Engineers and Co-Ops, Stephen Denninger, Alex Rieber, Edgar Yip, Ryan Hill, and Tim Olczak worked with the students and provided guidance as the students tackled their assigned tasks.

The multi-month initiative culminated in a day of engineering-based fun, mentorship opportunities, viewings of the upcoming episodes of the PBS television program and more. This end-of-year student Challenge Event was held in the historic Fred Rogers Studio at WQED's Oakland, Pennsylvania headquarters.



## New ALTAIR 4X MSHA Multigas Detector is **Optimized for Miners**



Be on the look out for MSA's ALTAIR 4X Multigas Detector MSHA with XCell® Sensor technology. It will offer durability and performance for mining applications. Methane-optimized catalytic bead sensor provides increased stability over time. Ingress protection rating of IP67 makes unit dust- and water-tight. The ALTAIR 4X Multigas Detector MSHA is driven by the most advanced technology available in any portable gas detector on the market and outlasts the competition.

To learn more, visit [MSAsafety.com](http://MSAsafety.com), Keyword: 4XMining.

## Coming soon from MSA: **GasGard® Control System**

MSA will provide an intelligent approach to data acquisition and control that raises the bar in Gas Detection systems. Measuring, displaying and archiving data in a modular, networked architecture will enhance accessibility, clarity and usability -- with an easy operator interface. By linking our extensive line of detectors and monitors with highly adaptable, smart GasGard controllers, MSA can provide complete solutions with a flexible, integrated gas detection system that can be customized to suit your needs. Stay tuned for the GasGard Control System's availability.

COMING SOON

## MSA Proudly Co-Sponsors Pro Football Hall of Fame Exhibit

MSA was a proud sponsor of Gridiron Glory, an exciting new football exhibit introduced as part of the Pro Football Hall of Fame's 50th Anniversary Celebration. Gridiron Glory made its national premiere at the Senator John Heinz History Center in Pittsburgh, Pennsylvania on October 6, 2012.

As the Hall of Fame's first ever large-scale traveling exhibit, Gridiron Glory presented a panoramic view of the history of professional football, from its start in the early 1900s to its current state as a cultural phenomenon. Featuring more than 200 pieces of professional football memorabilia from the Pro Football Hall of Fame located in Canton, Ohio; it represented the best the Hall of Fame had to offer.

Western Pennsylvania is renowned for its passion for football. From Friday night lights to Steelers Sundays, football is, for many of us, part of the fabric that ties our communities together. And, at MSA, we have a long-standing history of supporting our communities, so we were proud to have helped bring the best of the best in professional football history to our region.



## MSA's Board of Directors and Executive Leadership Team Welcomed New Changes



**Alvaro Garcia-Tunon**, Executive Vice President and Chief Financial Officer for Wabtec Corp., was elected to MSA's Board of Directors.

"Alvaro brings to MSA a tremendous amount of experience in the areas of international business and finance, and his expertise will serve MSA well as we continue to advance our corporate strategy and work toward our long-range growth goals," said William M. Lambert, MSA President and CEO.



**Nish Vartanian** was elected to the newly created position of Vice President, Fixed Gas and Flame Detection. Mr. Vartanian, who joined MSA in 1985, will serve as an officer of the company and is responsible for developing and implementing the strategic blueprint for MSA's Fixed Gas and Flame Detection business.

"In Nish we have a proven leader who understands the depth, synergies and complexities of both organizations, and I have great confidence he will help MSA achieve continued growth and success in our core Fixed Gas and Flame Detection business around the world," Mr. Lambert said.



**Stacy McMahan** was elected to the newly created position of Senior Vice President of Finance. Ms. McMahan will serve as an officer of the company; her responsibilities include leading the company's Internal Audit, Treasury and Global Decision Support functions.

Ms. McMahan comes to MSA with more than 23 years of finance leadership experience. "Stacy brings to MSA an exceptional skill set of global financial experience, with particular expertise in operational finance and driving cost management initiatives. She also has experience in guiding Enterprise Resource Planning (ERP) implementations across Europe, and these skills align very well with our initiatives," said Dennis Zeitler, MSA Chief Financial Officer. "We are delighted to have Stacy join our executive leadership team," Mr. Zeitler said.



**I'm  
green™  
Cap**

## MSA Develops Industrial Hard Hat Made from Sugarcane

We are pleased to announce that we've taken MSA's iconic V-Gard Protective Cap and created something really special. MSA has developed a V-Gard Hard Hat that not only provides workers with the same superior quality in protection they have come to expect from MSA, but we've made it environmentally conscious as well.

Meet MSA V-Gard GREEN. The new MSA V-Gard GREEN Hard Hat is the first industrial safety product produced from nearly 100% renewable resources. Like other hard hats, the MSA V-Gard GREEN Hard Hat is made of high density polyethylene (HDPE). But what's unique about MSA's V-Gard GREEN is that the HDPE is sourced entirely from sugarcane.

"What makes this product so attractive is that the HDPE sourced from sugarcane provides the same performance as

resins made from nonrenewable raw materials, delivering the same high level of head protection that our V-Gard brand is known for around the world," said Dr. Thomas Muschter, MSA Vice President of Global Product Leadership.

"Environmental sustainability is essential, and our development of a sustainable hard hat provides MSA customers with an option to demonstrate their commitment to preserving the planet," said Eric Beck, MSA's Global Director of Strategic Marketing. "For green construction projects, or for companies focused on sustainability initiatives, we think the V-Gard GREEN Hard Hat provides a perfect fit," concluded Mr. Beck.

*MSA V-Gard GREEN was developed and is manufactured by MSA in Brazil, and will soon be available in North America.*

## William Lambert Named Ernst & Young Entrepreneur of the Year 2012 In Western Pennsylvania

William M. Lambert, President and Chief Executive Officer of MSA received the Ernst & Young Entrepreneur Of The Year 2012 Award in the manufacturing category for Western Pennsylvania and West Virginia. The award recognizes outstanding entrepreneurs who demonstrate excellence and extraordinary success in such areas as innovation, financial performance and personal commitment to their businesses and communities.

I am very honored and humbled to receive this recognition from Ernst & Young," Mr. Lambert said. "When I think of entrepreneurs, I think of leaders who have a vision and are relentlessly committed to breathing life into that vision," he said. "MSA is a company that will celebrate its 100th anniversary in 2014. Centennial anniversaries and entrepreneurship are two words you rarely hear used in the same sentence. So while this award is somewhat of a surprise, it is a great honor for me and for all of the associates of MSA who work exceptionally hard every day to help keep our customers safe in the workplace."



## Jerry Zheng Named National Safety Council Rising Star of Safety

MSA's Jerry Zheng, Environmental, Health and Safety Engineer (EHS) based in Suzhou, China was recognized as one of the National Safety Council's (NSC) Rising Stars of Safety, Class of 2012, because of his outstanding efforts to help ensure a long-standing, hazard-free work environment in Suzhou.

The Rising Stars of Safety, presented by DuPont Sustainable Solutions, is an annual showcase of nominated professionals younger than 40 who regularly demonstrate their commitment to workplace safety by successfully engaging their peers in safety efforts and establishing safety programs.

Since joining MSA in 2008, Jerry has played a key role in associate safety initiatives, beginning with his involvement in the relocation of our Wuxi plant to our facility in Suzhou. During this time, Jerry developed and implemented a formalized safety process, which included his review and application of more than 185 EHS local and state Chinese governmental regulations. As a result of his efforts, and those of our Suzhou associates, our safety record improved to where we surpassed a remarkable milestone: over two and a half million injury-free hours worked.



# BURN

## One Year on the Frontlines of the Battle to Save Detroit

"BURN: One Year on the Frontlines of the Battle to Save Detroit" is an action-packed documentary film about Detroit, told through the eyes of Detroit firefighters, who are charged with the thankless task of saving a city - and an American Dream - that many have written off as dead.

BURN isn't just about Detroit firefighters, however. It's representative of ALL national first responders whose budgets and resources are dwindling.

"Burn is a story that needs to be told because firefighters across our country, both municipal and volunteer, are facing incredible challenges today," said William M. Lambert, MSA President and CEO.

This story was so compelling, MSA partnered with Producers/Directors, Tom Putnam and Brenna Sanchez, to assist in promotional efforts and in helping to fund BURN for release. Actor Denis Leary, best known for his role in the television series, "Rescue Me", signed on as the film's Executive Producer.

"We are extremely proud to support the making of this important film," said Mr. Lambert. "But more importantly, we are proud to protect the firefighters of Detroit. We salute them, and all firefighters, who answer that alarm every day," Lambert added.

"BURN" is currently playing select dates and theaters and is now available on DVD for purchase.

To learn more, scan the code with your smartphone or visit [detroitfirefilm.org](http://detroitfirefilm.org).



## Workman Twin Leg Personal Fall Limiter Provides Great Alternative to Twin Leg Lanyards

The Workman Twin Leg Personal Fall Limiter (PFL) increases worker productivity by providing greater mobility and continuous connection (100% tie-off) while moving from one location to another, offering a great alternative to twin leg shock-absorbing lanyards. The Workman Twin Leg PFL features a patent-pending harness connection. This innovative, integral harness connection is also available with a field-installable lock-out device that results in semi-permanent harness connection; helping to prevent theft or loss. The Workman PFL is easy to use - simply insert D-ring into the slot and you're ready to work!

For more details & product literature, go to [MSAsafety.com](http://MSAsafety.com)

To learn more, scan the code with your smartphone or visit [MSAsafety.com](http://MSAsafety.com), Keyword: WorkmanPFL.



**MSA**  
The Safety Company

## GREAT Things Really Do Come in Small Packages!



For nearly a century, we've been at the forefront of hundreds of safety innovations that protect workers, consistently pushing the envelope in ways that provide the highest levels of safety for workers across the world. That's why we work tirelessly to build

smarter, better gas detection instruments that people can rely on. As the leading experts in sensor technology, we have continued to pioneer the most advanced technology available in any portable gas detector on the market today.



Over the past year, we've engineered new sensor technology to meet the following specific applications:

| COMBUSTIBLE SENSORS                    | Description   |
|--|---|
| EX-M                                   | Optimized performance in extended methane exposure found in mining and liquefied natural gas (LNG) applications |
| EX-H                                   | Specialized for increased response to select solvents and heavy hydrocarbons (acetone, nonane, MEK, etc)        |
| TOXIC SENSORS                          | Description   |
| CO-HC                                  | High concentration carbon monoxide sensor reads accurately up to 10,000 ppm                                     |
| H <sub>2</sub> S/CO H <sub>2</sub> RES | Hydrogen resistant carbon monoxide sensor with ten times less sensitivity to hydrogen                           |
| CO/H <sub>2</sub> S-LC                 | Low concentration hydrogen sulfide developed to meet lowered ACGIH 1ppm TLV                                     |
| H <sub>2</sub> S-LC/SO <sub>2</sub>    | Sulfur dioxide detection now available in a rugged ALTAIR 4X PPE package  |
| CO/NO <sub>2</sub>                     | Ideal for monitoring diesel emissions with industry leading performance   |

When we design our products, we're guided by a single question: how do we meet and exceed our customers' safety needs? We solicit feedback from customers worldwide, we listen closely, and we make sure we incorporate their ideas into our product lines. That's why our ALTAIR family of portable multigas detectors continue to offer the fastest response times and shorter bump/calibration times which saves you money on calibration gas! Our instruments perform in extreme environments thanks to their rugged construction. And, with a four year average sensor life span...that's double the industry average!

We're proud of the work we do and stand behind every product we make.

To learn more, visit [MSAsafety.com](http://MSAsafety.com), Keywords: XCell Sensors.

## left/RIGHT® Electronic Hearing Protection



Individual electronic ear muffs specifically designed to fit the left and the right ear?? Unheard of...until now! Unique Left/RIGHT Electronic Hearing Protection is devised to fit your hearing protection needs by fitting both the left and the right ear, individually. Not only is each ear muff ergonomically designed to fit ears of all shapes and sizes, but its purpose is to ensure increased comfort and protection for the wearer. The innovative headband's breakthrough design simulates the head's curves to provide a comfortable and stable fit, balancing muffs with ear cup angle. Spacious cups provide more room for your ear, offering superior hearing protection regardless of the user's physical characteristics.

To learn more, visit [MSAsafety.com](http://MSAsafety.com), Keyword: left/RIGHT.

For more details & product literature, go to [MSAsafety.com](http://MSAsafety.com)

## Friday the 13th: When the Building CRUMBLED

It was Friday, August 13th, when the handiwork of two arsonists quickly escalated to a nightmare of epic proportions for several City of Detroit firefighters.

The fire broke out in a commercial building located on the city's far east side. Fire personnel arrived at roughly 5:00 a.m. and extinguished the blaze, but it apparently rekindled more than two hours later and Detroit firefighters again responded to the scene. The building, which housed a phone business, beauty salon and liquor store, was now fully involved. As the ceiling and roof of the second floor burned completely through, the second story wall of the structure collapsed. It fell on firefighters Eric Jurmo, Brendan "Doogie" Milewski, Brian Baulch, and Lieutenant Gerald "Razzy" Rutkowski who were attempting to fight the fire and force entry into the first-story businesses. And although all were seriously injured, these firemen credit Cairns Helmets for protecting them from fatal injuries.

For Firefighter Eric Jurmo, this was not his standard shift. With plans to leave for Disney World the following week, Jurmo picked up the extra shift for some overtime pay. "The building was so involved," he explained. "As we were opening the front doors, we heard a rumbling...I started to run, but...we were buried under the rubble," Jurmo said.

Fellow firefighter Brian Baulch explained that he was the only one who never saw it coming! He was knocked unconscious. The hail of debris broke his nose and both feet, six ribs, his pelvis and six vertebrae. He was the lucky one.

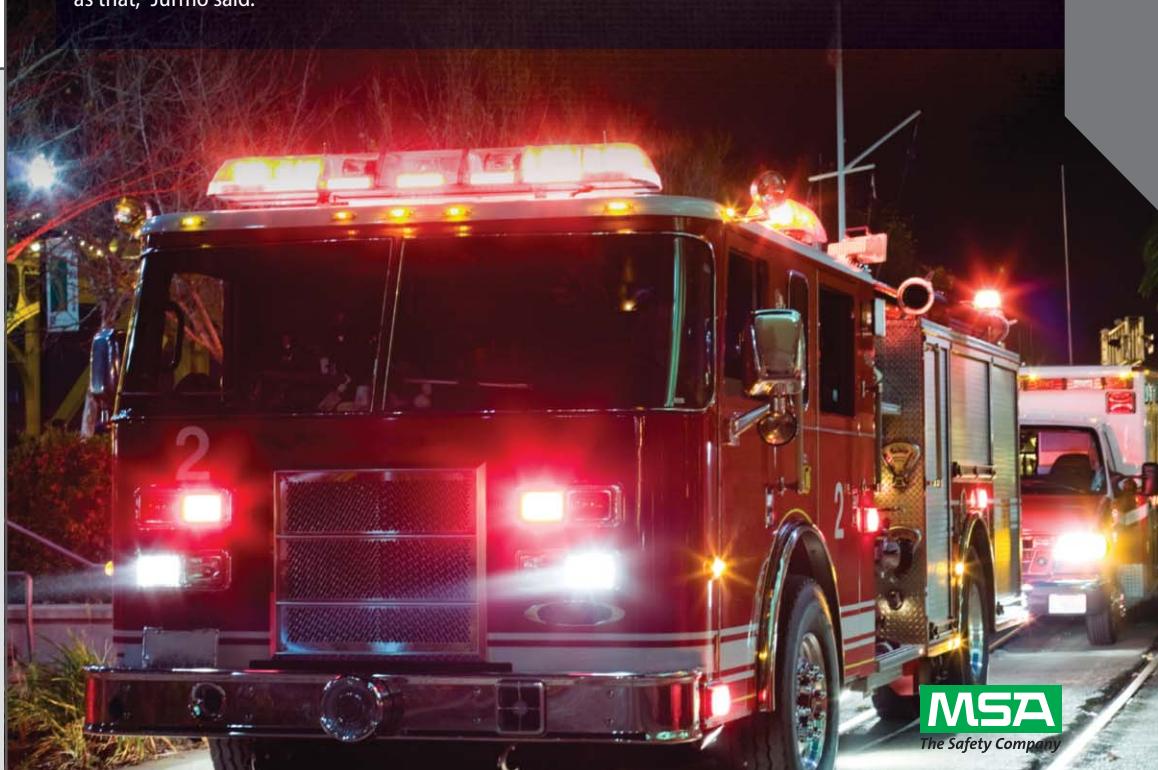
Jurmo was given a slim chance of surviving, but he defied the odds. Following 18 rounds of surgeries to date, to repair a broken neck, broken back, punctured and collapsed lungs, and multiple broken bones, Jurmo believes the Cairns 1010 that he was given "right out of the academy" kept his head protected. "Without my helmet, I'd have died, simple as that," Jurmo said.

Lieutenant Rutkowski became pinned beneath the bricks as he worked diligently to battle the fire. His older brother and fellow firefighter, Lieutenant Tom "Gunner" Rutkowski quickly jumped into action to dig him out. "I thought he was done," Tom Rutkowski said, adding that his younger brother had a broken orbital socket, broke both feet, fractured his pelvis, broke several ribs, suffered from cracked vertebrae in his back and neck, and was treated for smoke inhalation.

Firefighter Brendan "Doogie" Milewski, known most recently for his role in the documentary film, "BURN", was only on the scene 20 minutes when his life would change forever. "As I was working from the sidewalk, I heard someone yell and as I looked up, all I could see were bricks cascading like a waterfall; I was covered," Milewski said. The ten year firefighting veteran nearly lost his life in the collapse. Left with a spinal cord injury; Milewski's prognosis is permanent paralysis.

In 2008, Milewski was one of three firefighters who were awarded the Fireslayer of the Year (FOTY) Award presented by MSA to recognize firefighters who display selfless dedication in the line of duty. In an ironic twist, just a few years after receiving that award, a Cairns Helmet manufactured by MSA, would be attributed to helping save his life! Milewski believes his Cairns Helmet protected him from further harm and is a proud supporter of MSA. "With the trauma we experienced that day," said Milewski, "I find it amazing that there were NO traumatic head injuries. That's because of the helmets we were wearing; that's because of Cairns."

*To each of you, we at MSA are humbled by your commitment and grateful for your service. We are proud to have helped protect you and wish you well in your continued recovery.*



## We Weren't Kidding When We Said the MSA ALTAIR 5 Multigas Detector is Rugged and Durable!

At Kemira, a company specializing in chemicals, a new reactor was being installed. An MSA ALTAIR 5 was being used to ensure conditions remained agreeable during the installation process.

Someone had inadvertently placed the monitor on the top rail, at the back corner of the erected guardrail. "So, during the installation, our ALTAIR 5 was accidentally knocked off of the guardrail, falling 19 feet to the concrete floor below," said David Arwood, Health, Safety & Environmental Specialist with Kemira.

"After the installation was completed, I went to check on the monitor," Arwood continued. Realizing what had happened and expecting to find it broken and inoperable, Arwood said, "I was very surprised to discover that the monitor was intact, with no visible damage to the shell! The LEL sensor was reading -5, so I turned it off and restarted it in a fresh air setting and everything reset to normal. The ALTAIR 5 Detector was immediately placed back into service."

"Kemira is a chemical facility, so multigas monitoring is imperative in maintaining the safety of our employees and contractors. That's why we use the MSA ALTAIR," said Arwood, "Thanks MSA for making such a durable monitor!"



## MSA's Anne Herman Recognized with Women in Manufacturing STEP Award

Anne Herman, Director of Global Quality with MSA, was recognized with the Women in Manufacturing STEP (Science, Technology, Engineering and Production) Award. For their meaningful contributions to the manufacturing industry in the United States, 122 women were recognized.

The STEP Awards – part of a larger initiative launched by The Manufacturing Institute, Deloitte, the University of Phoenix, and the Society of Manufacturing Engineers – examines and promotes the role of women in manufacturing through recognition, research and best practices for attracting, advancing and retaining strong female talent.

"These 122 women are the faces of exciting careers in manufacturing," said Jennifer McNelly, President, the Manufacturing Institute. "We chose to honor these women because they each made significant achievements in manufacturing through positive impact on their company and the industry as a whole."

"The STEP Ahead initiative was founded to change perceptions of the manufacturing industry and create new opportunities for women in the sector," said Latondra Newton, group vice president at Toyota Motor North America, Inc. and chairwoman of the STEP Ahead initiative. "This initiative is the call for action to transform the face of today's manufacturing talent and ensure that women can contribute to the future of this industry."

*Congratulations, Anne!*



## MSA Awarded National Wellness Recognition by the **American Heart Association**



MSA's Pittsburgh-area facilities have been recognized as Platinum Level "Fit-Friendly Worksites" by the American Heart Association (AHA). MSA is receiving this recognition for demonstrating outstanding quality in promoting employee nutrition and physical fitness.

The Platinum Level is the highest honor in the AHA's Fit-Friendly Worksites program. Instrumental in helping MSA earn this recognition was our Wellness Program - MSFit. MSFit offers incentives to associates who actively participate in health-related activities, including health screenings, lunch and learn programs, health-risk assessments, awareness classes, and walking programs. The AHA award recognizes those organizations that offer employees suggestions for physical activities; provide healthy dining options; promote the importance of wellness in the workplace; and implement at least nine of the AHA's healthy workplace criteria including physical activity, nutrition and worksite culture.



## MSA Releases Tower Version of Popular **EVOTECH** Full-Body Harness

The EVOTECH Tower Full-Body Harness is designed with a body belt and saddle to provide utility workers with unsurpassed comfort during long shifts! In addition to the superior technology of the standard EVOTECH Harness, the EVOTECH Tower Harness offers the following features:

- Variable-width webbing in the sub-pelvic area to increase comfort and support when work positioning.
- Adjustable D-ring position.
- Integral body belt and removable saddle constructed of dual durometer pad and Sorbtek fabric for ultimate comfort.
- ANSI/OSHA and CSA approval.

MSA's new EVOTECH Tower Full-Body Harness offers the latest design features that improve user comfort, ease of use, durability, and user safety.

To learn more, visit [MSAsafety.com](http://MSAsafety.com), Keywords: Evotech Harness.

## Station 6 Fire and Iron Firefighter Motorcycle Club's Fourth Annual Ride Raises \$7,000

Once again, MSA proudly sponsored Station 6 Fire and Iron Firefighter Motorcycle Club's Fourth Annual Ride to benefit two charities very dear to the club: West Penn Burn Center's Summer Camp for Burned Children and UPMC Mercy Pediatric Burn Unit. Held on June 1, 2013, with 132 bikers and 106 passengers and bus riders; a total of \$7,000 was raised.

To date, Station 6 has donated nearly \$60,000 to these worthy causes that aid pediatric burn victims. "MSA has helped us to accomplish this goal," said Renee Daum, Treasurer, Fire and Iron Firefighter Motorcycle Club - Station 6. "From MSA's cash donations to helping orchestrate so much for our Ride...they provided everything from refreshments to tents, to T-shirts, to musical entertainment, not to mention a starting location at their corporate offices. We cannot thank MSA enough," Daum added.

Each of Fire & Iron Firefighter Motorcycle Club's chapters, known as "stations," is encouraged to champion a cause by raising money through charitable endeavors. Established in Pittsburgh, Pennsylvania in 2002, Station 6, comprised mostly of firefighters, their friends, and their families, sponsors two major events each year: a St. Valentine's party scheduled for February 15, 2014 and the annual ride to benefit West Penn Burn Center's Summer Camp for Burned Children and UPMC Mercy Pediatric Burn Unit to be held on May 31, 2014. *See you next year!*

To learn more, please scan the code with your smartphone or visit [fireandironstation6.com](http://fireandironstation6.com).



## ALTAIR 5X Multigas Detector - It's Not Just for Work Anymore

While enjoying time with family over the Christmas holiday, Tim Stein's mother-in-law was complaining of persistent headaches that had been getting progressively worse. Being a nurse, she worked long hours and maintained odd schedules, so headaches were often a part of the job. What caused concern was that she was also complaining of feeling excessively tired and lethargic.

"Since she lives alone, I offered to stop by to take a look at her house, specifically her furnace," said Stein, who works for Safety Service, Inc. "I brought one of our rental monitors, an MSA

ALTAIR 5X Detector, and immediately got a reading on the carbon monoxide (CO) sensor. The CO level settled at 13 ppm in the kitchen, but when I went to the furnace room it rose to nearly 20 ppm!" Stein explained.

Immediately, they cracked the windows and then contacted a furnace repair company. And the culprit; the old furnace, was replaced the next day. Although the home was equipped with both smoke and carbon monoxide detectors, they were old and failed to warn her of the pending danger. "We have since replaced the CO alarms with new ones and I am happy

to say that she started feeling much better immediately," Stein said.

"We all tend to think about safety while on the job and we use the best equipment available, but what about at home?" Stein asked. "When it's time to evaluate furnaces, to check ovens or to check any other combustible devices, bring those gas monitors home! It only takes a few minutes, and since most friends and family don't have access to such professional equipment like MSA gas detectors, you can be their hero. For peace of mind, help protect your family, friends and neighbors," advised Stein.



## MSA Supports Hurricane Sandy Relief Efforts

Hurricane Sandy wreaked havoc on the New York and New Jersey coastal areas. The impact from the super storm will be felt for months, if not years, and the personal devastation experienced by so many will be difficult to overcome.

In the days following this disaster, MSA took action by providing emergency responders with much needed safety equipment and support that allowed them to more effectively – and safely – assist in the overwhelming recovery and clean-up efforts. MSA field sales representative Tom Jeramaz visited numerous fire departments within the impacted areas, distributing over \$50,000 in gas detection devices and checking existing gas detection products – all free of charge.

In addition, through a local donation center established by our channel partner Olympic Glove, MSA donated more than \$100,000 in head and eye protection equipment. We keep all of the people affected by this terrible disaster in our prayers.

## Enhancements to Z-Gard® Series of Sensors and Controllers

COMING SOON

The updated Z-Gard Product Line will soon be better than ever, with a new combustible sensor, a new controller (CXII) with BacNet and improved calibration!

Highlights of the series include the Z-Gard S Sensor, a single-point diffusion sensor for CO, NO<sub>2</sub> and combustible gas. The Z-Gard DS Sensor offers dual CO and NO<sub>2</sub> sensing in one package. With up to 99 sensor inputs and twelve configurable relay outputs, the highly-configurable Z-Gard CXII Controller supports eight zones, and features a Modbus or BACNet communication option.

MSA Z-Gard Sensors and Controllers are ideal for use in underground parking garages, enclosed truck docks, vehicle maintenance and storage facilities, transit facilities and airport and courier transfer stations.

## New Zealand: MotionAlert™ Feature on ALTAIR 4X Detector **was Instrumental in Saving a Life**

"We were working on a site with fermentation vessels. Our job was to climb down a two and a half meter manhole and inspect the flow measurement equipment located at the bottom," explained Geoff Young, Partner, BPO LTD. After completing routine checks on their ALTAIR 4X Gas Detector before entry, all readings were normal, so a worker named Greg, clipped himself to the confined space rig and climbed into the hole. After a few minutes, a flush from a fermenter came down the drain. Shortly thereafter, as Greg explained, he couldn't get his brain to function. He could hear the alarm sounding, but was so disoriented, he couldn't comprehend what was causing it.

Facing potential exposure to carbon dioxide (CO<sub>2</sub>), a colorless, odorless by-product commonly associated with fermentation, it was quickly realized that the ALTAIR 4X Detector was not the correct selection for that hazard. The ALTAIR 4X is a dependable multigas

detector for lower explosive limit (LEL), oxygen (O<sub>2</sub>), carbon monoxide (CO) and hydrogen sulfide (H<sub>2</sub>S), and although other toxic sensors are available, the ALTAIR 4X detector is not designed to detect CO<sub>2</sub>. But what the ALTAIR 4X Detector did provide was our exclusive MotionAlert feature which lets others know if the user has become immobile. MotionAlert was instrumental in saving Greg's life!

As it turned out, when the fermenter flushed out, it flushed the CO<sub>2</sub> with it, rapidly depleting oxygen levels and leaving Greg in a critically declining state. "When Greg stopped moving, it triggered MotionAlert and alarms sounded. More warnings were triggered as the sensors detected the plummeting oxygen levels, but the site was so noisy, it prevented me from hearing," said Mr. Young, who was positioned above as the Safety Observer. "What alerted me were the detector's flashing lights. And when I realized something was wrong,

Greg was winched out of that manhole immediately," added Young. Once he surfaced, it was quickly apparent that the situation was dire; Greg was semiconscious.

Thankfully, Greg took only a short time to recover. John Spokes, Manager of Product Marketing, MSA Australia, explained, "The observed alarm indicated the CO<sub>2</sub> level may have reached 28%! At 0.5% of atmosphere, CO<sub>2</sub> is considered chronically toxic; at 6%, mental capacity is impaired; and 10% can prove fatal. Without a rescue system in place and quick action, death would have occurred." Mr. Spokes added, "CO<sub>2</sub> should be detected directly using accurate, fast CO<sub>2</sub> gas detectors. The additional benefit of a man down alarm to detect an unconscious worker in these circumstances is invaluable."

Since this incident, BPO has taken confined space entry very seriously. They now have three MSA ALTAIR gas detectors, mandated Risk Assessment Programs and periodic confined space training for all their staff.

## MSA's Workman Twin Leg Personal Fall Limiter **Stops a Dangerous Fall**

Sixteen feet is a long way down. Thankfully, Alfonso Jaquez of PC Construction in Washington, D.C., was using MSA's Workman Twin Leg Personal Fall Limiter (PFL) on the job when he slipped on a form at that height.

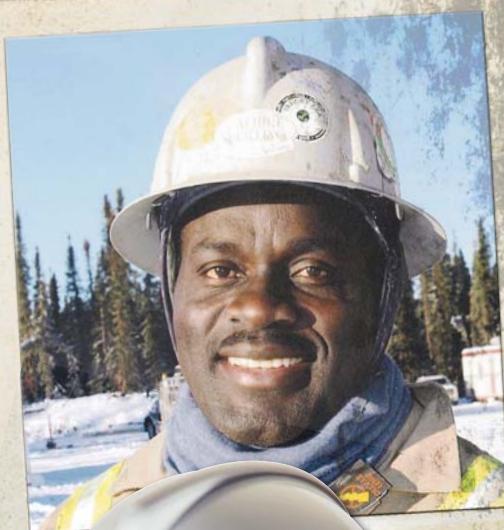
Mr. Jaquez lost his footing while he was repositioning himself, and his personal fall arrest system did exactly what it was designed to do, saving him from a perilous fall. Afterwards, he was able to climb the remainder of the way down on his own, completely uninjured.

The Workman® Twin Leg PFL increases worker productivity by providing greater mobility and continuous connection (100% tie-off) while moving from one location to another, offering a great alternative to twin leg shock-absorbing lanyards.

The equipment used in this incident will serve a dual purpose: first, it saved a life and now it is being used to train others. The legs of the original unit are being used to train employees on how to properly inspect the load indicator.

MSA replaced the Twin-Leg PFL worn during the fall under the **MSA Fall Protection Promise** where MSA will replace any harness and/or textile lanyard FREE of charge if a user falls while properly using our product. MSA believes it is important to provide high quality products and recognize safe work practices.

To learn more, visit [MSAsafety.com](http://MSAsafety.com), Keyword: WorkmanPFL.



## Topgard® Protective Hat gave Ngwota Ferdinand Fonasaff **a Reason to Smile**

Terry Steblyk was working with a drilling company near Fort McMurray, Alberta Canada when he witnessed a frightening accident. A piece of steel weighing roughly 25 pounds fell from about 40 feet up and struck his friend and co-worker, Ngwota Ferdinand Fonasaff. Luckily, Fonasaff was wearing MSA's Topgard Hard Hat "because it truly saved his life," said Steblyk.

"I was on the night shift as a floor-hand with Calibre Drilling," explained Fonasaff, "and at about 9:00 p.m., as we pulled pipes from a hole, a heavy piece of steel fell, hitting my head and back." Unfortunately, Fonasaff sustained serious injuries to his neck and back. "But thanks to my hard hat," said Fonasaff, "my head was protected!"

After witnessing the incident first hand, Steblyk is now a big believer in MSA products. As he embarks on a new endeavor in Abu Dhabi, Steblyk said, "With my new job, I'll be involved substantially in ordering safety gear and in all certainty, I'll be remembering MSA..."

As for Fonasaff, he's making great strides in his recovery. In a heartfelt letter to MSA, he wrote, "thank your associates for keeping safety as their first priority. Your products speak for themselves. May God keep your company moving forward so as to keep more people safe with your 'Kick Butt' product. I will cherish my hard hat until my time comes. Thanks, MSA."

To learn more, visit [MSAsafety.com](http://MSAsafety.com), Keyword: Topgard.

## MSA EVOTECH Full-Body Construction Harness

MSA's new EVOTECH Full Body Construction Harness is available! Designed with your comfort in mind, we included breathable padding with moisture-wicking material that aids in keeping users cooler, plus we provide a unique no-binding-edge shoulder pad that helps prevent neck chaffing. A sub-pelvic strap, with patented variable-width webbing, provides 50% more surface area for improved weight distribution. Not to mention, a patent-pending leg strap design that keeps leg straps in place to provide improved mobility and added comfort. The EVOTECH Full Body Construction Harness ease of use is enhanced by dual-color webbing to ensure fast and proper donning and a patent-pending web management system for storing excess webbing.

To learn more, visit [MSAsafety.com](http://MSAsafety.com), Keywords: Evotech Harness.



## The New Workman FP Stryder™ Anchorage Connector From MSA Combines Flexibility with Durability

The Workman FP Stryder Anchorage Connector features low-friction wear pads to eliminate metal-to-metal contact, enabling effortless gliding along the beam flange. The versatile design permits mounting either overhead or at the worker's feet. Vernier adjustability allows for a secure fit and 1/4" adjustment intervals.

Additional features of the Workman FP Stryder Anchorage Connector include an easy-to-use lever-locking adjustment (no pins to lose), a 400 pound working capacity, and ANSI Z359.1 approval.

To learn more, visit [MSAsafety.com](http://MSAsafety.com), Keywords: Beam Grips.

## MSA Helps Solve Equipment Challenge for Kazakhstan Customer

North Caspian Production Operations Company (NCPOC) in Kazakhstan faced an equipment challenge: new exploration sites near the Caspian Sea required escape devices and supplied air respirators that could protect against potential leaks of deadly hydrogen sulfide, as well as provide a second air source without requiring the user to remove the face mask. On top of that, the equipment had to hold up in harsh temperatures ranging from -32°F in winter to 122°F in summer.

MSA quickly engineered working prototypes, based on the PremAire® family of respirators, specifically for the consortium. After several rounds of testing and development, MSA successfully demonstrated – on a frigid February day with temperatures of -32°F – a product that satisfied the consortium and cemented a new client for MSA. The six and a half million dollar order included over 3,000 PremAire Escape Respirators, 300 PremAire Combination Units and 200 Air Maxx Extreme Breathing Apparatus.

"Always listen to your customer and be patient," advises Mohamed Elagrab, MSA Product Line Manager. Elagrab, along with area sales manager Lukasz Niewiadomski, maintained confidence that MSA would supply a product that fit the consortium's needs, despite many hurdles and tight deadlines.

Elagrab explained, "Without being positive and motivated, this four year effort could have ended with no fruits." The Kazakhstan project exemplifies the high standards of MSA products and proves, according to Elagrab, "that MSA is able to deliver on its promise of being *The Safety Company*. Safety will remain our first concern even in the most demanding situations."



Mohamed Elagrab (left) and Lukasz Niewiadomski (right)

## Flame Detector Prevents Major Fire at a Natural Gas Compressor Station



When a 40 cylinder compressor at a natural gas compressor station in Curo, Texas, caught flame, it could have been disastrous. An uncontained fire could have caused millions of dollars in damage and risked the lives of construction personnel who were working at the plant when the fire ignited. Thankfully, the FL4000H Multi-Spectrum Infrared (MSIR) Flame Detector swiftly identified the fire within the compressor's motor cylinder and arrested the machine's operation. First responders were notified and had no trouble containing the blaze.

"The fire was contained just below the wire harness. If the harness was burnt or damaged, it would have caused a long shut down of Compressor One," says Doyle Morris, Sales Engineer for General Monitors, an

MSA company. "The customer can only run a single compressor for so long, which is why they alternate between the two." With one compressor out of commission while waiting for the harness to be replaced – a process that might have taken three or four weeks – the loss in productivity would have cost the customer 2.8 million dollars, in addition to the 1.2 million dollar price tag on the compressor!

And, of course, the potential loss of human lives is unquantifiable. Morris said, "With many workers on site, an uncontrolled fire could have been catastrophic." But thanks to the FL4000H Multi-Spectrum Infrared (MSIR) Flame Detector, and the quick-moving first responders, a potential disaster became a mere hiccup.





**WHEN YOU GO IN,  
WE GO IN WITH YOU.**

## MSA Launches New Marketing Campaign Designed to Connect with Firefighters

The campaign - built on the theme "When You Go In - We Go In With You" - is a multi-faceted marketing effort that not only recognizes the mind set and applauds the dedication of firefighters, but also showcases MSA's long-standing commitment to the fire service industry.

Fighting fires is not for the faint of heart. But for those who answer "the call," they become part of a family known for its selflessness, bravery and commitment to leaving no person behind. That's exactly the message MSA intends to convey through this new marketing campaign created to recognize the spirit of camaraderie and commitment that exists among firefighters around the world.

"MSA is the world's leading company dedicated to workplace safety," said Joe Bigler, President of MSA North America. "Because of the diversity of the many markets MSA serves, we've heard at times, from firefighters, there's a perception MSA is not fully committed to the fire service. Nothing could be further from the truth, and one of our goals with this campaign is to destroy that misperception by showcasing our innovative technology for firefighters and, equally important, MSA's long-standing commitment to this critical market segment."

Our goal is to continue to develop innovative safety solutions that meet the ever-changing needs of our first responders.

To learn more about MSA's commitment to Firefighters, scan the code with your smartphone.



For more details & product literature, go to [MSAsafety.com](http://MSAsafety.com)

## MSA's V-Gard Accessory System Face Protection Products Designed to Work with MSA Helmets

The V-Gard Accessory System from MSA now features nearly 60 face protection products that are specifically designed to work with MSA helmets. These reliable accessories offer the same high standard of protection as the V-Gard Helmet – the head protection of choice of workers worldwide.

The V-Gard Accessory System provides compliant above-the-neck protection, with 10 versatile Frames that are compatible with earmuffs, half-mask respirators and other PPE; 35 different Visors for General Purpose, Chemical/Splash, Elevated Temperature, Welding, and Arc Flash applications; and Chin Protectors to supply additional protection for the neck area. Winter Liners, Sun Shields, SunShades and Terri-Brand Sweatbands are also available to help protect workers against the elements.

And for those who love other MSA Helmets, (such as the Skullgard Helmet), a universal version of the V-Gard Frame fits any MSA slotted or non-slotted helmet. Most importantly, with our V-Gard Accessory system, compliance is made easy, meeting the applicable requirements for ANSI/ISEA Z87.1-2010 and CSA Z94.3. Many also meet EN166, AS/NZS 1337, and other local standards.

To learn more, scan the QR code with your smartphone or visit [MSAsafety.com](http://MSAsafety.com),

Keywords: VGuard System.

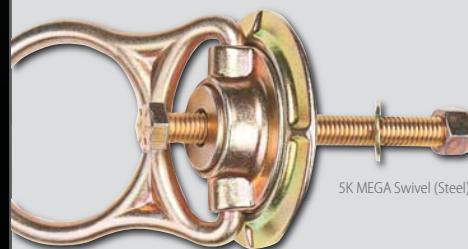


## New Anchorage Connectors Provide Expanded Options

MSA's new Anchorage Connectors include the MEGA Swivel (in zinc alloy or stainless steel, and for use in concrete or steel), the MEGA Swivel Hybrid, the Toggle Lok Concrete Anchor and the Weld-on Puck. Maximum weight capacity for the connectors extends to 400 pounds. Durable, removable and reusable, MSA anchorage connectors are an important component of a complete personal fall arrest system.

To learn more, scan the codes with your smartphone or visit [MSAsafety.com](http://MSAsafety.com),

Keywords: Anchorage Connectors.



5K MEGA Swivel (Steel)



Weld-on Puck  
(shown with 10K MEGA swivel D-ring)



MEGA Swivel Hybrid



5K Toggle Lok Concrete Anchor



**MSA**  
The Safety Company

## Fixed Gas and Flame Detection US Navy – LHA-7 Project

MSA won a substantial order from the US Navy for installation of our equipment on the "LHA-7" project. The order is valued at over \$750,000 and includes MSA's Ultima® X Series Gas Monitors and GasGard® XL Controllers.

LHA-7 is the Navy's next large-deck, America-class amphibious assault ship, newly named the USS Tripoli. These ships are meant to land Marines on shore using helicopters supported by fighter jets, and can serve as small aircraft carriers. The ship will be 844 feet long, 106 feet wide and weigh nearly 45,000 tons. It will host a crew of more than 1,000, with room to carry more than 1,600 additional Marines.

The USS Tripoli is being built at Huntington Ingalls Industries in Pascagoula, Mississippi. The US Navy ordered the Tripoli on May 31, 2012 with a contract valued at \$2.38 billion. Construction on the ship began in April 2013 with delivery due to the US Navy by 2015.

The amphibious assault ship is the seventh in that series; and although the earlier models have our monitors, these products are upgraded for the LHA-7 model. *Congratulations to our team!*



Photo courtesy of FEMA/George Armstrong



## MSA Provides Aid to Emergency Response Teams in Moore, Oklahoma

The recent tornado in Moore, Oklahoma, just outside of Oklahoma City, left a 17-mile path of destruction resulting in 24 fatalities. The storm, categorized as an EF5, the National Weather Service's most catastrophic distinction, damaged or destroyed more than 13,000 homes with winds exceeding 200 miles-per-hour. The devastating storm created an estimated \$2 billion in damage and could prove to be the most costly tornado in U.S. history. It goes without saying that the impact of this catastrophic event will be felt for years and the personal disaster experienced by so many will be difficult to overcome.

In the days following this disaster, MSA quickly responded, donating \$70,000 worth of equipment directly to the City of Moore. The items, including dust respirators and filter cartridges, face shields, hearing protection, safety glasses, and V-Gard hard hats were shipped to Mid-Continent Safety, one of MSA's valued channel partners.

The products were distributed by Chesapeake Emergency Response Team directly to those individuals involved with the recovery effort. MSA Construction Sales Manager, Miguel Campos and MSA First Responder Sales Manager, Scott Becker were also onsite in Moore, offering further support, visiting with community members, churches and local volunteer fire departments.

Please keep all of the people affected by this terrible disaster in your prayers.

## MSA Sponsored "Wills for Heroes" Event for Pittsburgh Firefighters

To help protect our first responders who are often unprepared in the event of a tragedy, MSA was proud to be the lead sponsor of *Wills for Heroes*, a national program where lawyers volunteer their time and services to provide wills, living wills and other estate documents - free of charge - to first responders and their spouses or significant others.

Sponsored by MSA's law department, in conjunction with the Pennsylvania Bar Association and the Young Lawyers Division of the Allegheny County Bar Association, *Wills for Heroes* took place on June 1, 2013. Attorneys from MSA and partnering law firms conducted 45- to 90-minute sessions with individual firefighters and, when finished, the first responders actually left with complete, notarized documents.

"For many first responders, thinking about a will is an uncomfortable reminder of the inherent danger of their profession," said Doug McClaine, MSA Vice President, Secretary and General Counsel. But, for those who are seriously injured or die in the line of duty without a will, their loved ones will face difficult decisions and financial struggles. That's why it is imperative to convey the importance of having a will and living will in place should the unthinkable happen.

"We are grateful to MSA and the *Wills for Heroes* program for making it easy for our members to have a valid and legal will," said John Gardell, Recording Secretary for Pittsburgh Firefighters Local No.1. "We sincerely thank all of the attorneys who volunteered their time for this great program," Gardell added.

## MSA FireHawk® M7XT Air Mask

MSA's new FireHawk M7XT Air Mask will provide critical personal SCBA protection and meet new NFPA 1981 and 1982 2013-edition standards. FireHawk M7XT Air Mask offers seven life-safety design components to provide firefighters with durability and performance from the highest quality SCBA available. Amenities include new Ultra Elite® XT Communication System electronic voice amplifier, I-HUD Receiver wireless heads up display and ICM® TxR Unit for firefighter accountability.

To learn more, visit [MSAsafety.com](http://MSAsafety.com), Keyword: M7XT.





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| We look forward to seeing you at these remaining 2013 industry events!<br><i>Please check MSAsafety.com, Keyword: Events for our 2014 schedule.</i> |   |               |
|---|---|---------------|
| 2013 Exhibit Dates  | 2013 Show and Location  | Booth #       |
| AUGUST 16-17  | FRI Conference and Expo; McCormick Place Convention Center; Chicago, IL               | 4031          |
| AUGUST 26-29  | National VPPPA Conference; Gaylord Opryland Resort & Convention Center; Nashville, TN | 411, 413, 511 |
| SEPT 30-OCTOBER 2   | NSC; McCormick Place Convention Center; Chicago, IL                                   | 2001          |
| OCTOBER 5-9   | WEFTEC; McCormick Place Convention Center; Chicago, IL                                | 4746          |

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**Spotlight on Safety** is MSA's publication for customers that shows how our personal protective products and equipment solve your health and safety problems.

MSA (Mine Safety Appliances Company) has been protecting work forces since 1914. Headquartered in Cranberry Township, Pennsylvania, MSA is the world's largest company dedicated to providing a complete range of sophisticated personal protection products and equipment for worker and plant protection.

Our products are used by firefighters; law enforcement officers; and workers in industrial manufacturing, construction, hazardous materials/abatement operations, mining, offshore drilling and refineries, utilities, shipbuilding, agriculture, and pulp and paper industries.

**Spotlight on Safety** contains only a general description of the products and applications shown. While uses and performance capabilities may be described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions, including any warnings or cautions provided, have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.

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