

SPOTLIGHT ON SAFETY®



ALTAIR® 5X Multigas Detector

Powered by performance, the **ALTAIR 5X Multigas Detector** with **XCell® Sensor Technology** can detect up to six gases simultaneously, letting you test for more hazards in less time. It's easy to operate and with a rugged housing, it's built for durability.

The Altair 5X Multigas Detector boasts several MSA-exclusives, such as instrument end-of-sensor-life warning. This early warning feature can save you money and aggravation by reducing instrument downtime and sensor inventory. Other MSA-exclusives include our MotionAlert™ feature, which signals 'man down', and our InstantAlert™ feature that allows users to manually activate alarms.

Revolutionizing sensor technology, as an industry first, the ALTAIR 5X Detector offers LEL, O₂, CO, H₂S, and SO₂ 60-second span calibration and a 15-second bump test. Sensor response and clear times on LEL, O₂, CO, H₂S, and SO₂ are under 15 seconds – that's 50% faster than the industry average. This means you'll spend less money on replacement sensors, purchasing replacement instruments less frequently. Less time is needed to maintain instruments leaving more time to use them. Plus, nearly 50% less money is spent on calibration gas used per minute, compared to the industry average, for the most common 5-gas configurations on the market.

Make your workers' jobs easier with a more durable and easy-to-use solution for remote monitoring, the ALTAIR 5X Multigas Detector. 

For more information, please visit us at www.MSAnet.com/ALTAIR5X



So, how did MSA make the best hard hat even better?

By Listening to V-Gard® Helmet Users.

-  The ability to select a visor, frame and chin protector and not worry about compatibility or compliance.
-  A system that accommodates other personal protective equipment, such as earmuffs and respirators.
-  Reliable helmet accessories that offer the same high standard of protection as the V-Gard Helmet you already trust.

You asked for it and MSA delivered!

Introducing the V-Gard Accessory System – frames, visors and chin protectors designed for MSA V-Gard Helmets. And, for those who love other MSA helmets, such as the Skullgard® Helmet, a universal version of the V-Gard Faceshield Frame fits any MSA slotted or non-slotted helmet. What's more, compliance is made easy since only V-Gard Accessory products are tested and approved as a system.

The iconic V-Gard Helmet is known for its quality, dependability and most importantly, saving lives. As the head protection of choice, workers trust their V-Gard Helmet to keep them safe. So, we thank you. Because of you, we've taken the best hard hat on the market and made it even better! 



To find out more, visit www.MSAnet.com/VGardSystem.

Workman® Twin Leg Personal Fall Limiter

Launched in August, 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. It offers a great alternative to twin leg shock-absorbing lanyards.

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Victim Saved by Evolution® 5200 TIC Woodmere, NY

In December, a split-level, two-family residence caught fire in the kitchen area of the upper-level apartment in Woodmere, New York. Without the protection of a hose line, members of both the Woodmere and Lawrence-Cedarhurst Fire Departments put themselves in harms way by conducting a search of the premises, going "behind" the fire to look for victims.

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UltraSonic® EX-5 Gas Leak Detector

Another of our new permanent instruments that can be instrumental in saving lives...the new UltraSonic EX-5 Gas Leak Detector. MSA's UltraSonic EX-5 Gas Leak Detector quickly detects airborne leaks from high-pressure gas systems without requiring the gas to come into contact with the detector.

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MSA M7 I-HUD Receiver for FireHawk® M7 Air Mask

MSA's new M7 I-HUD Receiver for FireHawk M7 Air Masks is worn on the INSIDE of your Ultra Elite® Facepiece. Its contoured shape fits securely inside the firefighter's facepiece and is easy to install and remove—simply slide unit over nosecup to secure in place.

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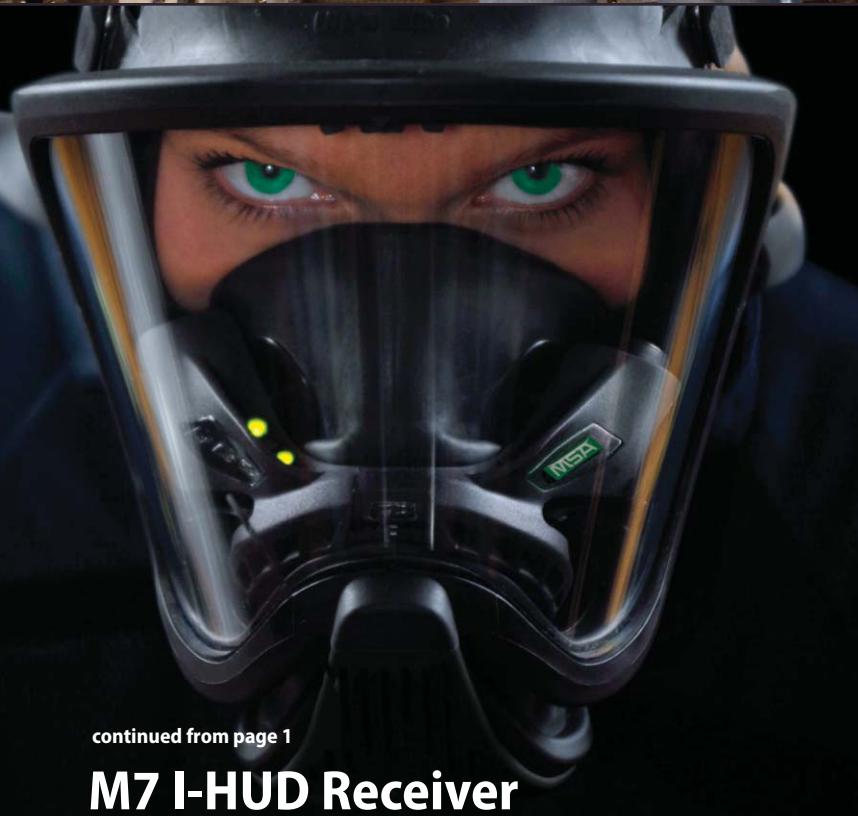
Workman Twin Leg PFL

With its patent-pending ARCA™ Harness Connection, the Workman Twin Leg PFL is easier to use than any similar product on the market. Its compact, lightweight design enhances user protection. Its robust thermoplastic housing and impact-absorbing protective bumpers give the Workman Twin Leg PFL an increased service life and added durability.

Additional benefits include the Workman Twin Leg PFL's maximum arrest distance of 42 inches, which makes it great for use in low clearance applications. Required mobility is achieved with its 6-ft working length. Not to mention, a 400-lb working capacity that reduces the complexity of product selection. Plus, with fall arrest forces limited to 900-lb, it reduces the user impact. Simply insert the harness D-ring into the slot and you're ready to work! 🛑



For more information, please visit www.MSAnet.com/TwinLegPFL



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Evolution 5200 TIC Save Story

To make matters worse, search efforts were hampered by the large accumulation of contents within the home. The home was classified as a Colliers Mansion, which is a dwelling filled with trash and general refuse -- often typical of hoarders or junk collectors. Equipped with an MSA Evolution 5200 Thermal Imaging Camera (TIC), Captain Anthony Rivelli and Firefighter James McHugh, both of the Lawrence-Cedarhurst Fire Department, discovered the injured party in his bedroom under piles of paper and household items.

"Our Department has been using MSA firefighting products for years and we have found them to be both durable and reliable," said Lawrence-Cedarhurst Fire Department Chief, Joseph C. Sperber. "If not for the brave actions of these firefighters using your valuable equipment, this fire would have had a different outcome," stated Sperber. 🛑



continued from page 1

M7 I-HUD Receiver

Remove M7 I-HUD Receiver unit with just your fingers – no tools required. Its sleek design is 40% lighter when compared to our external HUD, and the inside mount eliminates snag hazards. M7 I-HUD Receiver displays remaining air pressure, battery life warning, PASS device pre-alarm, and EVACUATE indicators, not to mention, an enhanced light pattern for safety and security differentiation. Other added safety features include light sensor for auto-dimming and enhanced, side-mounted buddy lights that alert other firefighters to low cylinder pressure or motion alarm. The M7 I-HUD Receiver automatically syncs with SCBA upon startup and is always on and ready to help you see the lights. MSA's M7 I-HUD Receiver is available only with the FireHawk M7 PASS device. 🛑



For more information, please visit us at www.MSAnet.com/IHUD

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UltraSonic EX-5 Gas Leak Detector

An advanced high-precision stainless steel microphone enables instant detection while an integrated acoustic self-test provides full failsafe operation. HART and Modbus communication options give complete status and control capability in your center of operations. What's more, encased within a stainless steel, explosion-proof housing helps to ensure corrosion resistance within harsh environments, making this instrument ideally suited for outdoor installations. 🛑

To learn more, please visit us at www.MSAnet.com/UltraSonicEX5





MSA Named 'Top Workplace'

In September 2011, MSA was honored to be named a “Top Workplace” in Western Pennsylvania by the Pittsburgh Post-Gazette and Workplace Dynamics, based exclusively on feedback from a Pittsburgh Post-Gazette survey of our Pittsburgh-area associates.

Of the six categories surveyed, MSA scored high in all, and ranked second in pay and benefits in the Large Company category.

Other areas surveyed include:

- ▶ The company's values, leadership and strategy
- ▶ How the company communicates and gets work done
- ▶ Opportunities for training and progression
- ▶ Work atmosphere and work environment
- ▶ Quality of the managers and their managerial skills

Nearly a century ago, our founders' passion to make mining safer convinced Thomas Edison to help invent our first product – the electric camp lamp – which saved countless lives. Thousands of products later, MSA's hard-working associates are carrying out a mission that has remained unchanged for 97 years: to protect life. And they are doing so, we are proud to say, at one of the TOP WORKPLACES in Western Pennsylvania! 



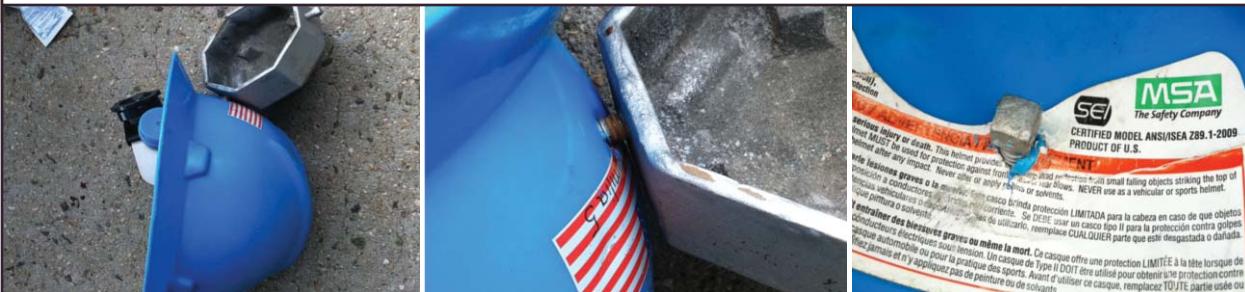
Pittsburgh Post-Gazette
post-gazette.COM



Grant Dixon— MSA's Youngest Product Tester

While walking through a wooded area behind his home in Pittsburgh, Pennsylvania, ten-year old Grant Dixon stumbled across an old pair of MSA Safety Glasses. And, like any other ten-year old boy, he decided to 'test' their durability. "I threw them against a tree, tried to smash them on the ground and threw them against rocks. Only a few scratches, they held up GREAT!" explained Grant.

Surviving the harsh assessment from a young boy is the ultimate test for a products lasting durability! Good to know Safety Works® Straight Temple Safety Glasses passed the test with flying colors. And, how do we reward such arduous efforts? With a new pair of safety glasses and a starring role in his own video! Scan the QR code to see Grant tell his story. 



V-Gard Helmet Saves a Life

July 6, 2011 was no different than any other day on the job for Danny Cruz, New York, New York, until fate struck...literally. Cruz, an employee with Consolidated Edison (ConEd) Construction Services, and the rest of his crew were repairing a street lamp when he was struck in the back of the head by a falling metal weather cap.

Another employee was working on the lamp from a bucket truck above. While removing the heavy weather cap, it slipped from his hand, falling down, striking Cruz who was working on the ground below. Wearing his MSA V-Gard Helmet saved his life. The impact was so great that it partially penetrated the helmet, but Cruz was able to walk away with only a laceration to the back of his head.

MSA's trusted V-Gard Helmet saves a man's life...no different than any other day...just doing our job! 



MSA's FireHawk® M7 Air Mask Less PASS

If you've been searching for basic, rugged, reliable SCBA protection, at a lower cost for applications, where no PASS device is needed...look no more! MSA's FireHawk M7 Air Mask Less PASS is now available for firefighters, HazMat workers and first responders. With its simplified design, it offers a lower profile, easy-to-read gauge and is lighter in weight. What's more, it offers a choice of either an intermittent or continuous mode where the user can actually switch among HUD modes. Not to mention, all pneumatic and electronic components are the same as that of MSA's trusted FireHawk M7 Air Masks. Fire departments can purchase less PASS versions for use with existing standalone PASS devices. Furthermore, it can be easily upgraded from a less PASS version to a full unit PASS. 

Please visit www.MSAnet.com/M7LessPASS





Rappel to Safety with MSA's New Rescue Belt II System

MSA is pleased to introduce another innovative device. Our new Rescue Belt II System is designed for emergency egress, allowing firefighters to rappel to safety should they become trapped in a building's upper level. This self-contained system provides everything you need for a fast escape. The Rescue Belt II pouch of Ara-shield construction easily stores 50 feet of MSA 100% aramid/nylon rescue rope, Sterling F4 descender and a carabiner Crosby hook. To initiate emergency egress, simply use your right hand to pull the knotted rope end forward to access the Crosby hook and descender. Just secure the Crosby hook, engage descender and begin descent. It's as easy as that.

What's more, with gloved hands, our web management feature integrates the regulator holder for easy stowing of excess webbing. Not to mention, one size fits all – the Rescue Belt II System can be adjusted to fit nearly every body type. The Rescue Belt II System is compatible with all MSA pouches, including ExtendAire™ II and Quick-Fill® Systems.

Since our mission is your safety, it's important to note that MSA's Rescue Belt II System meets the NFPA 1981-2007 edition for Fire Service Life Safety Rope and System Components. The Rescue Belt II System may be ordered as a new FireHawk M7 Air Mask option or as an individually-sold component to upgrade your existing MSA FireHawk M7 Air Mask. The difference is clear. Once you try it, you'll be hooked. 🧢

Please visit www.MSAnet.com/RescueBeltII



Workman Harness Now Offers Front D-Ring Option

Vertically oriented for easy connection to climbing systems, MSA's Workman Harness with the new front D-ring option proves to be perfect for climbing and descent applications. The Workman Harness provides comfortable and economical fall protection, due to its lightweight components and durable, abrasion-resistant, yellow, polyester webbing. The vest-style harness fits a wide range of body types and sizes. Color-contrasting thigh and torso straps simplify donning. 🧢

Visit www.MSAafety.com or call 1-800-672-2222 for details.



SAFETY WORKS

MSA Safety Works

It has been an action-packed year for MSA Safety Works. First, they were awarded the 2011 Environmental Packaging of the Year Award by the North American Retail Hardware Association (NRHA) for MSA Safety Works Espresso™ Polarized Safety Glasses packaging.

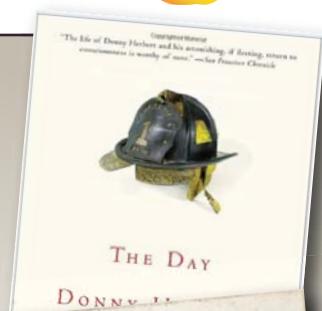


Then, in September 2011, MSA and MCR Safety of Memphis, Tennessee, established a joint venture, creating a new operating company dedicated to the do-it yourself (DIY) and independent contractor market for safety products. The venture's newly established brand – Safety Works – combines MSA's leading line of respirators, hard hats and fall protection products with MCR's premium brands that include Memphis Gloves, Crews Eyewear and River City Garments. Retail versions of these products will be identified with the new Safety Works brand. The new entity will have the full backing of both MCR and MSA and creates the first full-line glove, garment and safety products company in the North American retail market. This joint venture is exclusive to retail divisions and will not impact their individual industrial division product lines. 🧢

The Day Donny Herbert Woke Up

"As a small child, I can still remember how happy Dad was when he bought his first Traditional Helmet, a Cairns® 1010," recalled Patrick Herbert, firefighter Don Herbert's son and a second generation firefighter. In a twist of fate, on December 29, 1995, Don Herbert had a roof collapse on him during a routine call while wearing that trusty helmet. Suffering irreversible brain damage from lack of oxygen, Herbert, 43, had remained in a coma for nearly ten years. And then, just three months after his doctor began giving him drugs typically used to treat Parkinson's disease, attention deficit hyperactivity disorder (ADHD) and depression, a miracle occurred on April 30, 2005. "My father stunned doctors, family and friends when he suddenly emerged from his vegetative state and began talking to us," explained Patrick. Sadly however, the moment did not last. After an intense 14-hour talking jag, he spoke only sporadically until his death. His widely-publicized case gave hope to the families of other patients suffering from brain injuries. Although there have been other documented cases, experts say that patients showing sudden improvement after a number of years, even temporarily, is extremely rare. In December 2006, Don Herbert passed away due to complications from pneumonia.

Today, that very helmet is a memento that still sits on his mother's mantle, and other than the bent front holder, there was no further damage from the accident. "We credit your helmet for giving my family that time with my dad, time I will always cherish," concluded Patrick, "thank you!" 🧢



Cairns 1044 Traditional Fire Helmet ALWAYS Keeps You Covered

On February 6, 2011, Call Lieutenant Robert Brown was clearing ice off the deck of his daughter's house in Concord, New Hampshire. After noticing thick ice on the eaves, he asked his daughter to retrieve his newly issued Cairns 1044 Traditional Fire Helmet from his truck to wear while he worked underneath the potentially unstable ice.

It's a good thing he did because as he worked, a large chunk of ice, approximately 1' x 2', slid from the roof, striking Lt. Brown in the head and left him unconscious for nearly three minutes.

Deputy Chief Kevin LaChapelle explained that the impact to Brown's helmet was so great, it resulted in irreparable damage to the shell, forcing it to be permanently removed from service. It is widely believed that had Lt. Brown not been wearing his Cairns fire helmet during this mishap, he would not be here today to tell his story. "The family of Lt. Robert Brown and the Franklin Fire Department would like to thank MSA/Cairns Fire Helmets for their assistance in saving the life of our colleague, friend and father," said LaChapelle. 

MSA Hard Hat Featured as Iconic Part of History

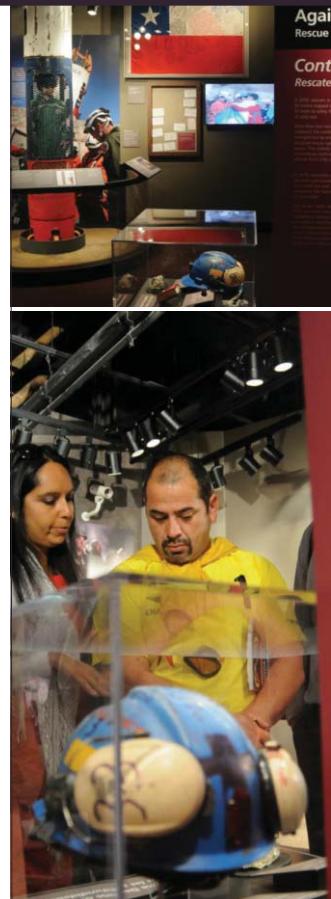
The world watched as 33 miners were pulled to safety after spending 69 days underground at the San José Mine in northern Chile. On their heads, as they emerged, were hard hats manufactured by MSA. Now, two of these helmets are on display at the Smithsonian's National Museum of Natural History in Washington, D.C.

The V-Gard Helmets were loaned to the Smithsonian by their owners, miners Carlos Barrios and Jose Henriquez, the thirteenth and twenty-fourth miners to be rescued after being buried alive. The hard hats were among a short list of chief artifacts the Smithsonian was interested in displaying in the exhibit. The miners were contacted by the Chilean Embassy in Washington, D.C., which collaborated with Smithsonian curators to develop the exhibition entitled "Against All Odds: Rescue at the Chilean Mine."



What's more? When the 33 Chilean miners emerged from that mine, not only did they inspire the world, but they gave Vanessa Ceruti, Miss Chile, an idea for a national costume. Ceruti sported a V-Gard Helmet as part of that costume for the 2011 Miss Universe pageant. 

Photo Credit: Daniel Taylor, U.S. Department of State



MODEL 10K™ System: Intelligent, Modular and Flexible

The MODEL 10K Fire and Gas Detection System from MSA represents the next generation in highly intelligent monitoring solutions designed to help customers reduce hazard vulnerability and meet the world's most demanding safety standards. A more reliable safety solution, the MODEL 10K System is an innovative, modular fire and gas system that is highly scalable. This is backed up by the MODEL 10K's FM-approval to NFPA 72 as a fire and gas detection system.

The MODEL 10K System combines the proven expertise of the industry's leader in safety and automation. What's more, it features ControlLogix™ PLC Platform; a user-friendly touchscreen interface; ControlNet Communications; and an addressable loop for buildings.

Developed with the gas/flame detection and systems integration expertise of MSA, as well as the process control/automation expertise of Rockwell Automation, the MODEL 10K System is an innovative, modular, powerful and flexible total safety solution. You can count on the MODEL 10K to ensure the safety of your people, equipment and plant. 

For more on our new MODEL 10K System, please visit us at www.MSAnet.com/MODEL10K





MSA Sponsors Fire & Iron Motorcycle Charity Ride

MSA was a proud sponsor of Station 6 Fire & Iron Firefighter Motorcycle Club's Second Annual Charity Ride on May 28, 2011. Over \$5,400 was raised for West Penn Hospital's Camp for Burned Children. The Fire & Iron Firefighter Motorcycle Club was founded in Florida in 1999. Each of the clubs' chapters, known as a station, is encouraged to champion a cause by raising money through charitable endeavors. Since its inception, the 'Nation of Stations' has grown to over 130 stations internationally. Station 6 was established in Pittsburgh, Pennsylvania in 2002. The club's membership is comprised mostly of firefighters: career, volunteer and retired, and their friends and families.



MSA provided refreshments, tents, tables, chairs, banners, printed t-shirts for participants, musical entertainment, and a starting location at our new Corporate Center in Cranberry Township, Pennsylvania. "Fire & Iron's support of West Penn's Burn Camp fell in line with our mission as a company, so it just seemed a perfect fit," explained Dave Volk, Western Regional Manager for First Responder Markets at MSA. Treasurer from Station 6, Renee Coltz-Daum said, "We are so grateful to MSA. We couldn't have asked for a better group to work with."

We look forward to working with Station 6 again on May 19, 2012! 🛑



New Corporate Video Available

MSA needed a corporate video that succinctly captured the rich history of our company, the diverse markets we serve and most importantly, the powerful mission we strive to achieve each and every day for our customers: to protect life.

Recognizing this void, MSA's Global Branding and Communications Council (GBCC) developed just such a video. Enlisting help and input from MSA associates around the world and creative direction from an outside video production team, the GBCC's goal was simple: to develop a brief video that not only addressed the key points noted above, but make it suitable for a broad range of uses. This includes trade shows, MSA building lobbies, sales calls and meeting openers, new employee orientation programs, associate recruitment, and, of course, as an emotional introduction to the MSA brand on the company's global websites.

Mission accomplished. The GBCC is pleased to announce that this new video is available in 14 languages and in three different file formats to accommodate varying technology platforms.

We're delighted to make this new marketing tool available to all MSA fans, customers and MSA business partners, and we hope you find the video useful for future business needs. 🛑

To view or download the video, please visit www.MSAnet.com/corporatevideo and follow the onscreen instructions.



MSAsafety.com Where safety clicks.

Today, MSA operates internationally in the U.S., Canada, Mexico, Australia, Brazil, Germany, Great Britain, Italy, China, and over 30 other countries. The outcome has been a synergy of ideas benefiting customers worldwide. This collaborative spirit and global climate necessitates a leading edge, wide-ranging web presence. In that spirit, MSA's Board of Directors approved a 2.1 million dollar capital investment in our internet sites, with plans to launch thirty-nine new websites, in twenty different languages, starting in January 2012.

"Customer and product needs differ by country. Accommodating these differences is crucial as the company becomes more global. So, this investment in a new comprehensive site is an important one for MSA's future," explained Susie Sapsara, MSA's E-Business Marketing Manager.

We understand that developing new opportunities and creating solutions that add value is a necessity in business today. The improved website will focus on providing detailed product information and technical specs with simplified search functionality. The site will also offer the opportunity to view products by solution, market, or hazard and so much more. A new visual design and fresh content will clearly communicate MSA's international brand message by presenting consistent global content. The most important goal at the heart of the new design is to provide our customers with a satisfying and efficient online experience. 🛑



Fireslayers of the Year

On May 27, 2010, the Adams Area Fire District Volunteers were dispatched to a crash scene in Mars, Pennsylvania where a man was trapped within a burning pickup truck. Against protocol, Lt. Doug Mellinger approached the fiery vehicle and was able to help release the victim's entrapped legs and pulled him to safety. When asked why he bucked procedure, Mellinger explained, "I should have never done what I did. But, I'm there to help people. He needed help. It's my job, the heck with the training."

The victim, Mike Rupert, just happened to be Director of First Responder Markets for MSA. In an ironic twist, his career had been dedicated to protecting firemen, who, in turn, saved his life. Badly burned, Rupert was given a one-in-ten chance at survival, but despite those odds, he is here today.

In a local ceremony, Lt. Doug Mellinger received the Pennsylvania Medal of Honor; Chief Al Minjock, Lt. Talo Capuzzi and Firefighter Jeff Leonberg all received unit citations. In attendance, Eric Beck, Director of Product Planning and Marketing for MSA, bestowed the group with 'Mike's Heroes' plaques and awarded them Cairns® Traditional Helmets. In appreciation of the collaborative effort, MSA donated an Evolution® 5000 Thermal Imaging Camera to the Department. On March 25, 2011, at the Fire Department Instructor Conference (FDIC) in Indianapolis, Indiana, all four heroes were further honored as MSA's Fireslayers of the Year. Their heroic efforts saved the life of our friend and colleague. For that, we all are humbled and grateful. 

Advantage® 4000 Abrasi-Blast™ Respirator Makes its Debut

MSA is excited to bring you the Advantage 4000 Abrasi-Blast Respirator. It is the only air-line respirator of its type with CE-approval for tight-fitting facepieces. In addition to the facepieces, these devices also offer durable hoods that provide respiratory and upper body protection for workers engaged in abrasive blasting applications. Because blasting operations can vary widely in shipbuilding, construction and utility industries, among others, Advantage 4000 Abrasi-Blast Respirators can be modified through a selection of different components or models to meet specific applications. Most importantly, Advantage 4000 Abrasi-Blast Respirators can be used with MSA's new Breathing Air Distribution System (BRADS) models. The respirator is available in Constant Flow Air-Line Respirator and Constant Flow Duo-Flo™ Respirator models, both of which can accommodate head protection products under the hood. Consisting of a hood, facepiece with lens housing, breathing tube, lens cartridge, flow-control device, air-supply hose, and support belt, the respirator is specifically designed to meet your diverse application needs. 

For further information please visit www.MSAnet.com/ADV4000 or call 1-800-672-2222.



New Ultima® OPIR-5 Open Path Gas Detector from MSA

MSA is pleased to welcome the Ultima OPIR-5 Open Path Gas Detector to the fold. The Ultima OPIR-5 Detector is an open path IR gas detector that provides continuous monitoring of combustible hydrocarbon gas concentrations at a path length of up to 150 meters. It features a dual detection range (ppm*meter and LEL*meter), enabling sensitivity to both small and large gas leaks, and is performance approved for use in harsh environments.

The Ultima OPIR-5 Detector is easily aligned using the digital display and adjustable mounting arms, so it doesn't require any bulky setup equipment. Furthermore, the Ultima OPIR-5 is calibrated at the factory and needs no further calibration. It requires little maintenance, except for a periodic visual inspection, test gas film check, and cleaning of the windows to assure dependable performance. As the world leader in fixed gas and flame detection instruments, MSA is thrilled to add the Ultima OPIR-5 Detector to our already extensive line of permanent instruments to better suit your needs. 

For further information, please visit www.MSAnet.com/UltimaOPIR5 or call 1-800-672-4678.



MSA Lends Support in Joplin, Missouri

Fastenal, one of MSA's largest channel partners, maintains a sales operation in Joplin, Missouri. When the tornado hit the heart of Joplin in May 2011, Fastenal was spared by a mere block. The tornado left a four-mile path of destruction, putting Fastenal front and center. Assisting in rescue and recovery efforts, they provided much needed equipment to first responders and rescue volunteers. Fastenal asked for MSA's assistance and we responded quickly with a donation of hard hats, safety glasses and safety vests. In addition, Safety Works provided a variety of other products, including respirators, ear plugs and face shields. These items were shipped in less than 24 hours after receiving Fastenal's request for support.

With approximately one fourth of the city's homes and businesses left in ruin, the impact of this catastrophic event will be felt for quite some time, and the personal disaster experienced by so many will be difficult to overcome. We congratulate Fastenal on their courageous efforts and keep all of the people of Joplin, Missouri who were affected by this terrible disaster in our thoughts, and wish God's speed on their recovery. 

MSA Releases New FlameGard® 5 Series of Flame Detectors

The latest line in MSA's FlameGard Series, the FlameGard 5 Flame Detector family, is now available. At the forefront is the FlameGard 5 MSIR Detector, a state-of-the-art, multi-spectrum, infrared detector for reliable discrimination between actual flames and nuisance false alarm sources. It provides superior false alarm immunity with the widest field of view. Designed to detect typical fires such as those produced by alcohol, heptane, gasoline, jet fuels, and hydrocarbons, the FlameGard 5 Detector can see through dense smoke produced by diesel, rubber, plastics, lube oil, and crude oil fires.

The FlameGard 5 UV/IR Detector is designed to detect fires by monitoring in both the ultraviolet and infrared (UV and IR) spectral ranges. It provides alarm outputs directly from the detector while maintaining false alarm immunity that is frequently caused by lightning, arc welding, hot objects, and other sources of radiation. In addition, the FlameGard 5 UV/IR-H2 Flame Detector is designed to detect unwanted hydrogen fires by monitoring both UV and IR spectral ranges. This makes it highly immune to false alarms as well. The FlameGard 5 Test Lamp is a battery-operated, rechargeable test lamp specifically designed to test MSA's FlameGard 5 MSIR, UV/IR, and UV/IR-H2 Flame Detectors. 

To learn more, please visit www.MSAnet.com/FlameGard5 or call 1-800-672-4678.



The Gold Helmet Award from MSA

MSA's Gold Helmet Award, established to promote corporate safety initiatives, also helps to recognize a company's stand-out employees and applaud their adherence to safety procedures. This award provides an easy, attractive way for a company to show that recognition. A Gold Helmet Award provides each recipient with a gold MSA V-Gard Helmet, a mounted and personalized certificate, and a gold V-Gard Helmet lapel pin or tie tack.

If you know of anyone who was saved by ANY of MSA's Personal Protective Equipment, please encourage that person or his/her employer to file a Gold Helmet Award Report with MSA. Submitting a report is simple. Just visit our website at www.MSAsafety.com to complete the form, found under 'Resources', and either mail or fax it to the contact on the bottom of that form. Upon receipt, we'll mail your Award materials promptly. You can also call MSA Customer Service at 1-800-672-2222 with any questions. 



Cairns Fire Helmets 175th Anniversary Helmet Giveaway Winners

In celebration of Cairns Fire Helmets' 175th Anniversary, MSA gave away a Cairns Helmet to a lucky winner selected at random each month, throughout 2011. Entering the drawing was easy; simply tell us how Cairns Fire Helmets protected you or someone you know in the line-of-duty, or upload a Cairns Fire Helmet related photo or artifact.

The response was overwhelming. From the stories told, to the pictures shared... in our minds, the images were indelible.

We incorporated some of the most compelling pictures and stories into a 2012 Calendar that was inserted in the December issue of Firehouse Magazine. See page 13 for a full report. As MSA remains committed to carrying on the Cairns Fire Helmet tradition, we encourage you to continue to share your stories at cairnscommunity.MSAnet.com. The sacrifice each firefighter makes is humbling. We, here at MSA, thank you for making Cairns Fire Helmets your helmet of choice. And, although each entry was worthy of a prize, we could only award twelve respondents with helmets. 

December 2011

Sean McGinley (Worcester VFD)
Worcester, PA

November 2011

Matt Johnson (Fall River MA FD)
Fall River, MA

October 2011

Kevin Lawford
(El Camino Fire Academy)
Playa del Ray, CA

September 2011

Tyler Stokes (Gamewell FD)
Lenoir, NC

August 2011

Fred Deluca (Youngstown FD)
Youngstown, OH

July 2011

Rob Thibert (Chatham-Kent FD)
Tilbury Ontario CA

June 2011

Marc Ramey (Front Royal VFD)
Stanley, VA

May 2011

Matt Erdman
(City of Brookville FD)
Richfield, WI

April 2011

John McNally (Hartville FD)
Uniontown, OH

March 2011

John Keppler
(Flagler County Fire/Rescue)
Palm Coast, FL

February 2011

Ron Persing
(Blazing Arrow Hook & Ladder)
Tyrone, PA

January 2011

Sal Calise (Pottsville FD)
Foster, RI

December 2010

Ken Burson (CSA FD)
Evergreen, CO



Tsunami in Japan Triggers Rapid Response

In an effort to aid clean-up workers, MSA increased production in the weeks that followed the earthquake and tsunami that hit Northern Japan in March 2011.

Clean-up workers and health officials who were involved with remediation and containment efforts associated with the tsunami-damaged Fukushima nuclear power plant, were in need of air-purifying respirators, specifically. The types of respirators MSA produces are equipped with filter cartridges designed to provide respiratory protection against a broad range of airborne hazards, including radiological particles and vapors. Shipments of both half-mask and full-facepiece models of respirators were transported to help protect more than 300 workers who risked their lives to repair the crippled nuclear reactor.



Ultima[®] MOS-5

MSA proudly introduces the addition of the Ultima MOS-5 Intelligent Sensor, a microprocessor-based transmitter designed for use with MSA's metal oxide semiconductor (MOS) sensor. The Ultima MOS-5 Intelligent Sensor features one-person calibration and can virtually self-calibrate through activation of a magnetic switch and application of gas. It is designed to detect hydrogen sulfide in parts per million (ppm) levels and provide status indication and alarm outputs.

The Ultima MOS-5 Intelligent Sensor offers several exciting benefits to its end-user. A few of these include improvement in plant safety and reduction in maintenance costs by enhancing management of maintenance history and fault records through HART, a two-way digital communication using existing features event logging where you can store up to ten events each alarm events, calibrations and cal checks, and faults.



Standards

The vision all MSA associates share is to be the leading innovator and provider of quality safety and instrument products and services that protect and improve people's health, their safety and the environment.

In pursuit of that notion, dedicated to ensuring that men and women may work in safety, our motivated, involved and seasoned professionals lend their extensive knowledge and wealth of experience to various standards committees. Recognized as experts in their fields, they support these committees in an effort to assist in establishing, promoting and facilitating voluntary consensus standards and conformity assessment systems within our industry. And in doing so, we solidify our continued commitment to protecting the health and safety of our customers in a manner that makes us proud to call ourselves MSA associates.

First Responder Standards	Representative
NFPA TCC	Eric Beck
NFPA Respiratory Protection Equipment	Mike Rupert
NFPA Protective Ensembles for Structural Firefighting and Proximity Firefighting	John Rihn
NFPA Standard on Protective Clothing and Equipment for Wildland Fire	Ben Mauti
NFPA Electronics Safety	Rick Katz
Industrial Protection Standards	Representative
ANSI Z359 Fall Protection	Bob Apel
ANSI A10.32 Fall Protection	Marc Harkins
ANSI Z88.10 Respiratory Protection	Mackenzie Peters
ANSI/ISEA Z89.1 Head Protection	Maureen Kelly
ANSI/ISEA 107 High Visibility	Maureen Kelly
ANSI/ISEA Z87.1 Eye and Face Protection Devices	Sue Pingree
ANSI 380 First Aid	Sue Pingree
Detection Standards	Representative
ANSI Z117 Confined Space	Gustavo Lopez
Committee Memberships	Representative
ISEA Head Protection Committee Vice-Chairman	Victor Vendetti
ISEA Fall Protection Committee Chairman	Bob Apel
ISEA Eye and Face Committee	Sue Pingree
ISEA Marketing and Communications Committee	Sue Pingree
ISEA Respiratory Protection	Mackenzie Peters
ISO Committees	Bob Apel
ISRP	Mackenzie Peters
ISEA Gas Detection Member	Tom Salapow
Canadian Product Standards	Representative
CSA Z94.3 Eye and Face Protection	Sue Pingree
CSA Z259 Fall Protection	John Giovengo
CSA Z94-1 Head Protection	Maureen Kelly
CSA Z94.2 Hearing Protection	Sue Pingree
CSA Z94.4 Respiratory Protection	Kerin Sparks
CSA Z180-1 Compressed Breathing Air Systems	Kerin Sparks
CSA Z1610 Technical Committee for First Responder	Kerin Sparks
CSA Executive Committee	Jack McDonald

MSA Launches New Corporate Citizenship Web Page

Through our associates and the MSA Charitable Foundation, we actively support a broad range of philanthropic organizations. Community involvement is an integral part of our corporate makeup. With that in mind, our new Corporate Citizenship web page was developed and is now live on MSA's website at www.MSAafety.com. This web page provides detailed information on the different ways MSA helps our communities, including organizations we support through the MSA Charitable Foundation, our work with the United Way, our commitment to community-based organizations, and our efforts to provide aid to disaster-stricken areas around the world.

Please visit our Corporate Citizenship web page. The link for this site is prominently displayed on the MSAafety.com home page under "Company Information," as well as on the North American page under "About MSA," and will be updated frequently.



To learn more, please visit www.MSAafety.com/corporateGiving



Grupp's Christmas Tree Farm

Christmas trees are an essential part of holiday decorating for most, but over the past 29 years, it has grown to mean much more for the Grupps...it's a family business. Jack and Nancy Grupp planted their first tree in 1982. To date, Grupp's Christmas Tree Farm, located in Harmony, Pennsylvania, has expanded to roughly 20,000 trees on 120 acres. "The entire family participates in some form or another," said Greg Grupp, a Christmas tree farm worker during his spare time. By day, however, Greg is a Supplied-Air Respirator Design Engineer here at MSA.

MSA's products have become a mainstay on the Grupp's farm. Jack Grupp, 70, tends to the farm's daily maintenance and wears an Advantage® 420 Half-Mask Respirator or Advantage 200 LS Respirator to protect him from the pollen, dust and dirt that kick up when mowing. An added safety measure, the family wears MSA's Arctic Elite™, Vista™ or Pyrenees™ Safety Glasses. Thankfully, Greg's brother John, was wearing a pair of Arctic Elite Safety Glasses while shearing trees one summer evening. "Bees attacked, flying straight into his eyes," explained Greg Grupp. He added further, "the potential damage to John's eyes was prevented, thanks to our safety glasses." "I can't imagine using anything but the best to protect my family," Grupp concluded. 🧢



Customer Service Saves the Day

MSA's Channel Partner, Shubee, Inc., supplied MSA V-Gard Hard Hats for the popular television series Extreme Makeover: Home Edition that recently concluded after a nine year run with ABC. The show's concept was to build a home for a disadvantaged family over the course of one week. With such a tight production time frame, it was imperative that MSA ensured on-time delivery of our V-Gard Hard Hats to each mobile location. While the series was still in production, on average roughly 2,000 V-Gard Hard Hats were ordered per site. This number often varied depending on each destination's specific requirements. "That left a very tight turnaround from when the order was placed to when the product arrived on site," explained Rich Rocco, MSA's Customer Service Supervisor of Market Regions.

Recently, a large order shipped to Extreme Makeover's designated locale, but didn't arrive on the scheduled delivery date. Apparently, the transportation company MSA used had made a mistake. As the production crew grew anxious, tensely awaiting the arrival of the hard hats, Susan Walter, an MSA Customer Service Representative, averted a crisis. With a one-day window before filming was scheduled to start, Walter contacted the freight carrier, worked her magic and made provisions for the hard hats to be delivered just moments before filming was scheduled to begin. Who says happy endings can only happen in Hollywood? 🧢



MSA On The Move

In April 2011, MSA celebrated the relocation of its corporate headquarters from RIDC Industrial Park in O'Hara Township to its 212,000-square-foot building in Cranberry Woods Office Park. The new MSA Corporate Center is located at 1000 Cranberry Woods Drive, Cranberry Township, Pennsylvania. The recently renovated facility was showcased during a fun-filled open house.

In the early 1980s, MSA purchased the 327-acre Cranberry Woods property as a location for its laboratory and instrument plant. MSA's previous headquarters in O'Hara Township, although beautiful, was quite costly to operate. In an effort to reduce the cost of day-to-day operations, the consolidation of its workforce to a single location seemed a logical step.

So, back in 2009, as part of a comprehensive cost cutting program called Project Magellan, the relocation of MSA's corporate headquarters was approved. Over 300 employees, who were previously based at MSA's office in O'Hara Township, would now join approximately 500 coworkers who were already located in Cranberry Woods.

Today, with the move now complete, MSA enjoys the productive fruits of its labors. The office consolidation has greatly facilitated communication and team collaboration within the organization, all in an innovative and bright open-office environment that ultimately saves the company roughly \$2.5 million annually. 🧢





Firefighter Darin Beckes

Captain Mike Rinn

RescueAire™ Portable Air-Supply System Saves a Life

Captain Mike Rinn and Firefighter Darin Beckes from Company 8 with the Erie Fire Department in Erie, Pennsylvania, answered a call at local factory on Christmas Eve.

The fire was isolated to an 8,000 ton hydraulic press. As they charged the lines, Captain Rinn noticed fire between the steel deck plating, so he motioned to a crew that he was going below. Beckes, however, wasn't part of the communication. So, when he saw his Captain enter the pit, following the firefighter creed to never leave your partner behind, Beckes followed.

Almost immediately, Beckes' low air alarm went off. As he left to replenish his supply, Beckes slipped on the steps, falling 15-feet to the ground below. Stunned but uninjured, Beckes hit his PASS device and started 'skip breathing' in an effort to conserve what little air he had, when suddenly, his face mask went negative from loss of air.

Having heard Beckes fall, Rinn appeared, equipped with one of only two department issued RescueAire Portable Air-Supply Systems. He pulled the Quick-Fill® Hose out, flipped the cap off, and snapped it into both systems. "As an instructor, I've conducted many air mask drills to ensure firefighters could take the hose out and hook it on in under 60 seconds, in different circumstances," explained Rinn, "That training paid huge dividends that night."

"Grateful and so relieved, I breathed in deeply, when suddenly Rinn's alarm rang, indicating HIS air was low," said Beckes. Unfortunately, the two had been in that pit for so long, Rinn was already low on air as well. He added, "I thought...you have to be kidding me?!" As Beckes tried to make his way out of the pit, half way up the ladder, his mask collapsed AGAIN! Shortly after, Rinn's air went negative. "I held my breath for what seemed an eternity. A minute later, I got my mask off and got air," said Rinn. After being guided to safety, Beckes spent the rest of his holiday, recovering in the hospital, just thankful to be there! Beckes said, "I really do believe MSA's equipment saved my life." Rinn concluded, "It was a very tense situation. I'm just very, very glad it came out all right." 

MSA Participates in ANSI/ASSE Z359.7-2011, New Standard

In October 2011, the new ANSI/ASSE Z359.7 Standard for the Qualification and Verification Testing of Fall Protection Products went into effect. The new standard includes requirements for third-party and manufacturer testing, encompassing both testing laboratories and witness testing of fall protection products. It also specifies minimum requirements for test equipment and the number of test specimens to be used when testing.

As a service to our customers and as an advocate for all those workers who must rely on safety equipment as an everyday part of their job, we welcomed the opportunity to assist in establishing these industry guidelines as participants on the ANSI Z359 committee. MSA remains committed to the manufacture of fall protection equipment that meets the highest protection levels available. 

For further information regarding MSA products that meet these standards, or for a white paper covering the scope of ANSI/ASSE Z359.7-2011, please visit www.MSAsafety.com.

To obtain copies of the new standard, contact the American Society of Safety Engineers, Des Plaines, IL, or online at www.asse.org.

When Seconds Mattered...MSA's PASS Device Saved Lives

On August 25, 2011, four Chicago firefighters were injured while fighting a blaze at a home in West Englewood, Illinois. Those injured included Kevin Abdullah, 52, who was treated for heat exhaustion, and Sean Finn, 44, who was treated for neck burns. Two others, critically injured, were taken to the hospital with facial and respiratory burns. Gerald Carter, 31, and his captain, Tom Ruane 52, are "out of the woods," but face a long recovery, said Robert Hoff, Chicago Fire Commissioner.

Located in the attic, both gravely injured men were overcome by flames. When Carter stopped moving, an alarm was triggered from his personal alert safety system (PASS). Once that alarm went off, a rapid intervention team was dispatched and the men were quickly extricated from the building. "Fire officials confirmed that the PASS alarm and the efforts of the Rapid Intervention Team is what saved the firefighters. "It's a matter of seconds, and we could have had a different outcome," Hoff said.

Thankfully, the firefighters were equipped with MSA's PASS that features motion sensing technology. Used primarily by firefighters entering a hazardous environment, such as a burning building, if a firefighter goes still for more than 15 seconds, it sounds a loud audible alert to notify others in the area that the firefighter is in distress. It continues to go off every fifteen seconds, getting progressively louder, until help arrives.

Given the dangers firefighters face every day, isn't it comforting to know that when seconds matter...you can count on MSA, The Safety Company. 



Captain Tom Ruane

Firefighter Gerald Carter



Skullgard Helmet Hard at Work

At a mine site in Elko, Nevada, two ironworkers were erecting a steel tower for a sulfur dioxide (SO₂) scrubber installation project. Scrubber systems are air pollution control devices that remove gases from industrial exhaust streams.

Having set a section in place, one of the ironworkers boarded an aerial lift to access the top of the structure, roughly 30 feet above. The other ironworker remained on the ground and continued working, tightening bolts. Upon reaching the top, the co-worker in the aerial lift had properly tied off when his safety lanyard got caught on his tools. While trying to free himself, the slever bar was knocked sideways, causing it to flip out of its sheath. The bar fell, striking the ironworker below in the head – piercing completely through his hard hat, knocking it from his head. Miraculously, the employee, who was wearing an MSA Skullgard Helmet, was not injured.

MSA designs products with your safety in mind. The Skullgard Helmet features a shell that's durable enough to withstand hard impact, yet flexible enough to disperse energy created by that blow. This combination allows the helmet to deflect the object, preventing it from causing injury to the wearer's head. The suspension disperses an even greater percentage of energy than does the shell. The materials are designed to stretch, diverting energy away from the wearer's neck, yet be strong enough to maintain shape and comfortable enough to be worn for hours on end. We at MSA try to keep you safe when all else fails. 🛑



MSA introduces 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 designed to fit your individual hearing protection needs. Not only is each ear muff ergonomically designed to fit only the left or the right ear, but the innovative headband's breakthrough design simulates the head's curves to provide a comfortable and stable fit, balancing muffs with ear cup angle. Not to mention, the use of thinner, more flexible sealing rings that help to maximize user comfort, especially when worn for extended periods. Spacious cups provide more room for your ear, offering superior hearing protection regardless of the user's physical characteristics. 🛑

To learn more, please visit us at
www.MSAsafety.com/leftRIGHT
or call 1-800-672-2222.

COMING SOON

MSA EVOTECH® Full Body Construction Harness

Be on the look out for MSA's new EVOTECH Full Body **Construction** Harness. Not only is it easy to use, but it was designed with your comfort in mind. Other highlighted features include breathable padding with moisture-wicking material that aids in keeping users cooler, plus a no-binding-edge shoulder padding that helps prevent neck chaffing. A subpelvic 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, intended to provide improved mobility and added comfort. The EVOTECH Full Body Construction Harness ease of use is enhanced by dual-color webbing and a patent-pending web management system for storing excess webbing. 🛑

To learn more about the EVOTECH
Full Body Construction Harness, please visit
www.MSAnet.com/EVOTECH
or call 1-800-672-2222.





Photo courtesy of Mary Catherine Brooks, The Wyoming County Report.
 Front Row: Firefighter Greg Meadows, Captain Jim Cook, Marcia McKinney, Assistant Chief Mike Vickers,
 Firefighter Dwight Meadows, Junior Firefighter David Cook 2nd Row: Lieutenant Robbie Bailey,
 Town of Pineville Mayor/Firefighter Tim Ellison, Captain Mike Johnson, Lieutenant Chad Vanhoy, Assistant Chief Mike Goode

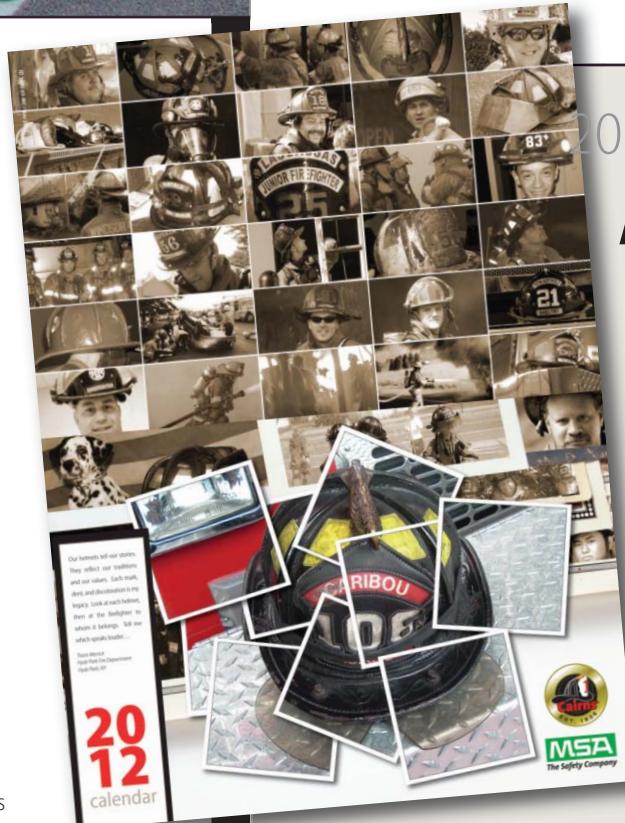
Firefighter's Heroic Efforts Saves a Life!

Firefighters from the Pineville Volunteer Fire Department (VFD) in West Virginia, answered a call for a three-alarm house fire. The family inside had tried to escape. Thankfully, Danny McKinney and his son, Stuart, were able to escape harm by jumping out of a window but Marcia McKinney wasn't so lucky when she attempted the same feat. She was stuck halfway out of a small bathroom window, located on the second floor. The window was not much bigger than a legal-sized sheet of paper.

On the roof, through thick smoke, Firefighters Jim Cook and Dwight Meadows attended to McKinney. Cook put his own MSA self-contained breathing apparatus (SCBA) on McKinney who was in and out of consciousness. She had said, "It was like heaven." When Assistant Chief Mike Vickers arrived at the scene, "I told Mike, she's up there; she's stuck; I think she's dead. . . I was hopeless," explained the victim's nephew, Robbie Bailey, who ironically is also a Lieutenant and Vice President of the Pineville VFD.

Vickers joined the other firefighters on the roof. Now fully engulfed, the roof was near collapse and the firefighters themselves were in grave danger. Chief Mike Goode was forced to call off the rescue attempt, when "in a last ditch effort, with a combination of adrenaline, feats of strength and the Lord above, Vickers was able to free her, pulling her out, window framing and all," explained Bailey. Mrs. McKinney sustained second- and third-degree burns over 40 percent of her body, but is alive today to tell her story!

Capt. Jim Cook, Assistant Chief Mike Vickers and firefighters Greg Meadows and Dwight Meadows were honored for their heroic actions in saving the life of Marcia McKinney by the West Virginia Fire Commission. 🧯



MSA Donates Safety Kits to BART Buses

Kelly Conger, Grants and Communications Specialist with **Alliance for Nonprofit Resources**, approached MSA with a goal to equip all Butler Area Rural Transport (BART) Buses with emergency supplies to proactively prepare drivers should an urgent situation ever arise. In line with our commitment to positively impact our local community, MSA proudly volunteered to help by donating duffel bags, thermal blankets, fleece blankets, safety vests, and large first aid kits. The emergency kit also included flashlights, which were graciously donated by Streamlight, Inc.

Butler County in Pennsylvania operates roughly twenty BART buses, providing transportation for persons with disabilities or medical needs. This program can be utilized by anyone who is between 18 and 59 years of age with a recognized disability. 🧯



2010 2011 2012 2013 2014 20

Announcing the New

2012

calendar

On page 8, you saw the story about **Win the Cairns Helmet of Your Choice** contest. Overwhelmed by the response and moved by the personal stories and pictures, MSA produced a calendar to honor these firefighters for their selfless service and dedication. This calendar features firefighters whose personal stories truly define why we continue our tireless pursuit of safety. What better way to illustrate our commitment to protecting generations of firefighters than to showcase their own personal stories and images?

The calendar features over 30 stories and another 30+ images that have been submitted. More can be found on our Cairns Community web page, which is dedicated to preserving the history of Cairns Fire Helmets. We hope you find inspiration in the pages of this calendar as you learn about those very firefighters we work so hard to protect. Look for your copy of the all new 2012 Cairns Calendar in the December issue of Firehouse Magazine. 🧯

Please visit cairnscommunity.MSAnet.com for more of these moving stories.



EYE PROTECTION IS MANDATORY, Style is ESSENTIAL

Introducing new Essential™ Safety Eyewear from MSA, where fashion meets function. MSA's Essential Safety Eyewear offers a complete range of CSA Z94.3 compliant eyewear. Now available in ten styles with seven lens color choices and anti-fog coating, horizontal and vertical adjustable temples, and maximum UV protection options. It's so simple. With MSA's Essential Safety Eyewear, you don't have to sacrifice style to be compliant. 🧢

Call your MSA Sales Representative at 1-800-672-2222 about the Essential range of Safety Eyewear, or any of the more than 50 products in the MSA Sightgard® Protective Eyewear line.

LOOK! My PPE Saved Me!

During a rigging setup for offloading precast manholes in Ahmadi, Kuwait, a wire hoist rope snapped on a boom truck resulting in an 80-lb. hook block falling. It struck a rigging assistant in the head. Thankfully, the worker had followed procedure and was wearing the proper personal protective equipment (PPE) which included his V-Gard Cap. The incident left him unharmed. And, after a precautionary trip to the hospital, he was released and declared fit for duty. He returned to work that same day.

A Health Safety Engineer (HSE) stated, "The hard hat performed as advertised! The suspension system inside the hard hat acts as a shock absorber. Although the suspension strap snapped, the hard hat likely prevented serious injury."

The rigging assistant will receive the Gold Helmet Award from MSA in recognition of his stellar adherence to safety procedures. He will ceremonially be given a golden MSA V-Gard Cap, a mounted and personalized certificate, and a gold V-Gard Helmet lapel pin for his efforts. "It's not every day that we get a chance to celebrate a life saving event!" exclaimed Abdelraouf Fares, MSA Middle East, Dubai – UAE, who is looking forward to personally presenting the worker with his award.

"I want to thank the folks at MSA for making this a very special time for our rigging assistant. Wearing his PPE allowed him to be able to bring 2011 to a safe close," said the HSE & QA/QC manager for the largest OGP company in Kuwait. "It is one of those moments in HSE where we can see the direct benefit of wearing the proper PPE. It gives us all a lot of satisfaction to see the application of our company's HSE Management Systems procedures result in a positive outcome for everyone," he concluded. 🧢



Firefighter Jason Melton Credits His Survival to Cairns® Helmets

On July 24, 2011, Firefighter Jason Melton, a member of the Broken Arrow Fire Department, Broken Arrow, Oklahoma, experienced every firefighter's worst fear. While battling a fire in the attic of a 6,700 square-foot luxury home, the house quickly became "fully involved," sending Melton downward in a near-fatal twist of events.

Low on air and about to turn back, Melton's crew gave it one more shot of water when that area of the house shook and then collapsed, sending Melton head first into the garage, leaving the rest of the crew on the edge of what remained of the second story. "As I tried to free myself, the roof collapsed, trapping me underneath the burning rubble," Melton explained. Melton dove, rolled and crawled through the burning debris until his team rescued him.

Suffering from minor burns, cuts, bruises, fractured ribs, and a collapsed lung, Melton fully grasped what could have been. Equipped with a Cairns Houston N6A™ Leather Fire Helmet, "I realized that my helmet not only protected me from the fall, but from the looks of my bent-over bill, it kept heavy roof timber from crushing my neck and/or the back of my head," Melton said.

"Your products can and do make a difference everyday in the lives and families of firemen," said Melton. "THANK YOU MSA for the craftsmanship, quality and the pride that you guys/gals put into each of these helmets."

Jason, your being here to tell your story is thanks enough. 🧢



MSA Fire Service Business Gets Boost from Breathing Apparatus Contracts in U.S., Canada and Chile

MSA has been awarded several contracts with a combined value of more than \$21 million to produce self-contained breathing apparatus (SCBA) and other protective products for fire departments throughout the United States, Canada and Chile. "Despite a difficult economy and strained municipal budgets, the need to keep firefighters safe never diminishes," said Joseph A. Bigler, President of MSA North America.

The contract wins came from several major municipal fire departments throughout the United States, including the multi-county Central Valley SCBA Consortium in central California, Cincinnati Fire Department, Cleveland Fire Department, Detroit Fire Department, Kansas City Fire Department, Volusia and Putnam County Fire Departments in Florida, and, most recently, City of Pittsburgh Bureau of Fire.

In Canada, MSA secured an SCBA contract from Halifax Regional Fire and Emergency Service in Nova Scotia.

In addition to these successes, MSA earned a two-year national contract for SCBA with the Junta Nacional de Bomberos (JNB) of Chile, an institution comprised of more than 37,000 volunteer firefighters and 307 fire departments throughout the country. The contract also includes an order for more than 1,500 fire helmets.

"We're pleased that these fire departments have chosen to place their trust in MSA, and we're proud that our equipment is helping to safeguard the lives of firefighters around the world," concluded Mr. Bigler. 🛑



City Of Pittsburgh Bureau of Fire Awards MSA SCBA Contract

On November 30, 2011, MSA presented City of Pittsburgh Mayor Luke Ravenstahl with the first self-contained breathing apparatus (SCBA) off the assembly line in honor of a \$1.9 million contract recently awarded to MSA from the City of Pittsburgh Bureau of Fire (PBF).

After a thorough and competitive evaluation process conducted by representatives of the Pittsburgh Fire Fighters Local No. 1 Union and by the PBF Administration, MSA secured the contract over its competition. "We are absolutely honored that the PBF has again entrusted MSA with the responsibility of protecting the men and women who dedicate their lives to keeping us safe everyday," said Joseph A. Bigler, President, MSA North America.

Under the terms of the contract, MSA will produce approximately 450 FireHawk M7 Air Masks, 1000 facepieces and 900 cylinders for the PBF. In addition to the Pittsburgh Bureau of Fire, the SCBA will also be used by Pittsburgh Emergency Medical Service (EMS) personnel and the Pittsburgh Bureau of Police.

Mr. Bigler added that the SCBA contract represents the beginning of a new partnership between MSA and the PBF, as MSA will now be better positioned to seek input from its hometown department on future product development initiatives.

During a tour of MSA's Murrysville plant, where the air masks are being manufactured, Mayor Ravenstahl said, "We have to be fiscally responsible and choose vendors who give us a good price, and MSA did that. But just as importantly – we have to choose vendors that provide a product for our employees that works, that keeps them safe, that allows them to do their job. Through the evaluation team and process that we put in place, MSA rose to the top and was clearly the best vendor that provided the best product for our employees." 🛑



Spotlight on Safety
1000 Cranberry Woods Drive
Cranberry Township, PA 16066

Change service requested

Safety Products
1.800.MSA.2222

Permanent Instruments
1.800.MSA.INST

Fire Service
1.877.MSA.FIRE

Law Enforcement
1.866.MSA.1001

www.MSAafety.com

We look forward to seeing you in 2012!

Please visit us at the following industry events:

2012 Exhibit Dates	2012 Show and Location	Booth #
January 17-20	SHOT Show; Sands Convention Center; Las Vegas, NV	25203
January 17-20	AGI (Acklands Grainger); Toronto Congress Centre; Toronto, CA	427
January 23-25	AHR Show; McCormick Place; Chicago, IL	3936
February 5-8	NYWEA; New York Marriott Marquis Hotel; New York, NY	68
February 7-10	Fisher Safety National Sales Meeting; Venetian/Palazo Hotel; Las Vegas, NV	N/A
April 19-21	FDIC; Indianapolis Convention Center; Indianapolis, IN	2011
May 15-17	GSA Expo; Henry B Gonzalas Convention Center; San Antonio, TX	2945
May 18-20	Fire Expo; PA Farm Show Complex and Expo Center; Harrisburg, PA	335
June 18-20	AIHce; Indianapolis Convention Center; Indianapolis, IN	500
July 19-21	Firehouse Expo; Baltimore, MD	1405
July 28-30	DOD Conference; Denver, CO	1118
August 1-4	FRI; Denver Conference Center; Denver, CO	13015
Sept 20-Oct 3	WEFTEC; New Orleans Memorial Convention Center; New Orleans, LA	6113
October 22-24	National Safety Congress (NSC); Orlando Convention Center; Orlando, FL	1617

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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 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.

If you have any comments about *Spotlight on Safety*, you may contact us by toll-free phone at **1-800-MSA-2222** (MSA Customer Service), mail or email.

Spotlight on Safety

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