

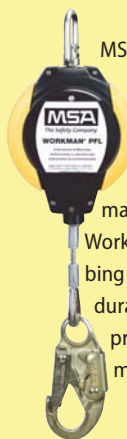


The Safety Company

NEWS | PRODUCTS | SOLUTIONS

SPOTLIGHT ON SAFETY®

New Addition to the Workman® PFL Family!



MSA is excited to introduce the Workman Personal Fall Limiter (PFL) with galvanized steel cable lifeline. This newest Workman PFL version joins the Workman PFL unit with webbing lifeline as one of the most durable and reliable fall protection devices on the market today.

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New Breathing Air Systems Now Available!



Four new MSA Air System products offer easy-to-use, portable breathing air distribution systems to tackle your most demanding respiratory protection needs.

more on page 5 ▶

DRIFIRE® FR Apparel from MSA Paraclete® – A Fabric Like No Other

Whether you're battling the heat of desert sands or shouldering heavy gear in freezing terrain, DRIFIRE FR Apparel from MSA Paraclete works to control body temperature while keeping you dry and comfortable.



more on page 2 ▶

Paxtang 40: A King's Crown

Martel Robinson, 17 came home from training one night talking about a "New Yorker." "It was like a King's crown" he said. He just knew that one day he would have one.


more on page 6 ▶



ALTAIR® 4X Multigas Detector – It's What's Inside That Counts!

Introducing a portable gas detector like no other – MSA's revolutionary **ALTAIR 4X Multigas Detector** with XCell® Sensor Technology. Optimized exclusively for MSA gas detectors, XCell Sensors excel at detecting dangerous gas levels fast. With sensor response times of less than 15 seconds, bump tests in less than 15 seconds, and span calibrations in less than 60 seconds, you'll be saving more than just time. The speed of **XCell Sensors** combined with 0.25 lpm gas flow rate for calibrations and bump tests means you'll use less calibration gas – a lot less than competitors with slower sensors and 0.5 lpm gas flow rate. But the savings don't stop there. XCell Sensors are designed for >4 year life – nearly double the industry average – dramatically decreasing sensor replacement costs. The ALTAIR 4X Multigas Detector even tells you when a sensor is nearing its end-of-service-life, giving you plenty of time to order replacements and avoid instrument downtime.

Great safety features also make the ALTAIR 4X Multigas Detector a cut above the competition. If a user becomes disabled and remains motionless for 30 seconds, the MotionAlert™ feature activates an alarm, alerting others of a "mandown" situation. And the InstantAlert™ feature lets users alert others of a dangerous situation with the push of a button. The ALTAIR 4X housing is built with rugged polycarbonate enabling it to withstand a 20-foot drop onto concrete. Large, glove-friendly buttons, a bright display, and the ability to run for 24 hours on a single charge mean easy and long-lasting operation. And there's even an optional glow-in-the-dark housing for low- or no-light situations!

Did you know the ALTAIR 4X Multigas Detector also offers the longest warranty in the industry? The entire instrument along with battery and sensors are fully-warranted for 3 years – a full year longer than the industry average. Just more proof of MSA's long-standing commitment to providing workers worldwide with the most advanced and reliable portable gas detectors possible. 

To get inside the ALTAIR 4X Multigas Detector, visit www.msanet.com/Altair4X



MSA's Acquisition of General Monitors Turns Up the Heat on Competition

With the acquisition of **General Monitors** of Lake Forest, California, MSA is firmly positioned to lead the industry in advanced gas and flame detection technology. General Monitors' innovative, high-quality gas monitoring and flame detection products will significantly strengthen MSA's position – particularly in the oil, gas and petrochemical industries. Beyond market share, a shared philosophy and dedication to protecting life in the workplace by building the best products possible, made this union a perfect match.

William M. Lambert, MSA President and CEO, views great potential: "MSA has a strong and recognized brand, broad geographic reach and among the most extensive new product development capabilities in the safety industry. Conversely, General Monitors provides MSA with greater access to the global oil & gas market, an industry-leading product line and world-class R&D talent that drives customer loyalty and profitability. In addition, we both have values-oriented cultures and a teamwork mentality. We plan to combine these resources to further strengthen the product lines of both organizations – and in doing so, create a new force in the markets for fixed flame and gas detection solutions."



Cairns® Helmets Celebrates 175 Years of Excellence

From its humble beginnings as a water-resistant leather cap made for New York City firefighters in 1836, the **Cairns Helmet** has evolved into the most durable and popular piece of head protection equipment for firefighters around the world. First introduced as the New Yorker Helmet by its firefighter creator, H. T. Gratacap, the helmet was later adorned with its distinctive front piece by the Cairns brothers, whose family legacy in the fire protection industry spanned over a century.

During that time, the helmet underwent several upgrades, from a revolutionary new material called "aluminum" in the 1920s to the first low-profile, lightweight OSHA-compliant helmet, the 770 Philadelphian Helmet in 1974.

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2010 Fireslayer of the Year Honors Heroic Brothers


In July 2009, while off duty, two brothers raced to the scene of a burning SUV to rescue four-year-old DJ Harper who was buckled into a car seat when the vehicle slammed into a tree, rolled onto its side and burst into flames.

The Harpers had driven all night to reach Milwaukee in time for DJ's dad to start a new job. His mother had just filled the tank and apparently didn't replace the gas cap. She fell asleep at the wheel.

Neighbors rushed to the scene and began chopping through the windshield. John pulled the broken windshield aside. Joel crawled through the opening. The boy's weight jammed the seat belt buckle, trapping him in the hottest part of the fire. The buckle was too hot to touch and wouldn't release. The brothers called for a knife and cut DJ free. John tumbled out of the vehicle with DJ in his arms. Joel commandeered a garden hose and doused the smoldering child.

On April 10, 2010, Lt. Joel and older brother HEO* John Rechlitz received MSA's Fireslayer of the Year Award in a special ceremony at Milwaukee Fire Department's Engine 14 on the city's south side. Tom Vetrus, Director of North American First Responder Sales, presented the award in front of an audience of family, fellow firefighters, and TV reporters.

DJ, who faces years of surgery and rehabilitation, attended the ceremony. He calls his rescuers Uncle Joel and Uncle John. When a TV reporter asked for a comment DJ answered shyly, "They saved my life."

Editor's Note: See the amazing rescue for yourself at www.msafire.com/vts 

*Heavy Equipment Operator



My Greatest Accomplishment in Safety – Pete Engleberts Story

In a career filled with professional accreditations and certifications, Pete thinks his greatest accomplishment was getting his first Skullgard® industrial helmet.

One of Pete's jobs was looking after the safety of structural steel erectors. "I would go up in the steel with them," he recalled, "and they did not take very kindly to that." Pete figured he was their safety guy, he should work where they work. The ironworkers thought he belonged on the ground and threatened to show him the fast way down. "I'm not sure they weren't half serious," he said.

Pete was undeterred. He had a job to do. If they wanted him off, they'd have to throw him off. Weeks turned into months. Resentment turned into respect; hostility became acceptance. "There was a union steward there who didn't climb anymore," said Pete, "he slid down a column one day, instead of going to a ladder." At the bottom, his foot wedged between the column and a piece of angle iron. He fell sideways, shattering his ankle. One day, the steward called to Pete from across the parking lot and hobbled toward him with something behind his back.

The steward told him to take off that blankety-blank red plastic company hard hat, then pulled a white Skullgard cap from behind his back. "The guys came up to me and said you should be wearing this," he said. It was the steward's old Skullgard helmet; the one he wore as a foreman.

It was in a bag beside him as he interviewed for an ESH/QA Manager position at a family owned business. There were eight divisions, each managed by a member of the family. All eight planned to interview Pete. For the first interview, a gentleman from the family asked, "What's your greatest accomplishment in safety?"

Pete put the helmet on the table and told the story. He was hired on the spot. 



Peter J. Engelbert CSP, RPIH, CHST, CET, CIT, CSSM, SNCS, CIP, NACE Certified Coatings Inspector – Level 3 (Nuclear/Bridge), BIRNCS Senior Nuclear Coatings Specialist

"I have worked all over this country and beyond. I have been in the antenna of the Willis (formerly Sears) Tower, on the launch pad at Kennedy Space Center, deep in mines, and on off-shore rigs. I have been a firefighter, a medic, and decorated for valor by our state governor. But being given the Skullgard by those guys was my greatest accomplishment in safety. MSA was a part of that moment."

MSA will be part of another major accomplishment in Pete's life. When he retires, he plans to pass the helmet on to his son, Jim.

IAFF and DHS Look to MSA for Cutting-Edge SCBA Prototypes

Work is underway after MSA was chosen as the sole developer of functional SCBA prototypes based on exciting new technology to better protect firefighters. The IAFF low-profile cylinder array uses an innovative compressed air storage design that improves the weight, comfort and profile of SCBA. The array is pressurized to 4500 psi, with a rated minimum service life of 45 minutes. This new pressure vessel technology is based on a high-temperature thermoplastic elastomer liner with para-aramid ballistic fiber and filament wound with pre-impregnated carbon fiber.


Working with MSA are representatives from 14 fire departments and 2 law enforcement organizations who will advise the MSA project team in the development and testing of the SCBA prototypes. To measure the technology's effectiveness, the prototypes will include integrated PASS and testing against key NFPA requirements. Once completed, the functional prototypes will be used to demonstrate the feasibility of the low-profile cylinder array and its benefits to firefighters. For the latest update on this exciting endeavor,

visit www.msanet.com/IAFF 



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DRIFIRE FR Apparel

Made of 85% modacrylic fiber, this innovative tactical apparel delivers flame-resistant protection in a self-extinguishing material that won't melt, drip, or fuse to skin when exposed to flame. Super-soft garments with built-in moisture management quickly wick moisture away from your body, dry faster than cotton, and regulate skin temperature. And Microban® and FreshGuard® Odor Control keep garments smelling fresh by suppressing odor-causing bacteria. All of these properties are engineered into the fabric itself – no amount of washing or wearing will erode performance. Choose from short-sleeved T-shirt, long-sleeved crew-neck shirt, long pant, balaclava, and undergarments for both men and women in a variety of fabric weights and colors. 



Standards Info

ANSI/ISEA Z87.1-2010 – Revised Standard Focuses on Applications

In April 2010, the American National Standards Institute (ANSI), in conjunction with the International Safety Equipment Association (ISEA), issued a revised edition of the American Standard for Occupational and Educational Personal Eye and Face Protection Devices (ANSI/ISEA Z87.1-2010). This standard affects eye and face personal protection products including safety glasses, safety goggles, visors, headgear and frames. The standard focuses on helping workers choose the right products designed for specific hazards.

Product Markings


The new ANSI/ISEA Z87.1-2010 standard no longer includes a "basic impact" designation. Products that meet the general requirements but do not meet the impact-rated requirements are marked "Z87". Products that meet both the general and impact-rated requirements are designated as "impact" and are marked "Z87+".

Lens markings have also changed. Markings now identify the type of hazard the product protects against such as splash/droplet, dust, fine dust, UV, IR and others.

Additional Changes for Compliance

- ▶ Spectacles must have side shields if they do not meet the continuous lateral (side) coverage requirements..
- ▶ The new standard removed this sentence: "Faceshields shall be used only in conjunction with spectacles and/or goggles." Even though this requirement is no longer in the standard, MSA will continue to recommend that safety glasses or goggles with an impact rating (Z87+) always be worn under all faceshields. Additionally, MSA recommends the use of **only** impact-rated protectors where such protection is needed.
- ▶ Product compliance markings are required for all claims on goggles against dust, fine dust, droplet and splash hazards.


ANSI/ASSE Z117.1-2009: Safety Requirements for Confined Spaces

In an effort to address the causes of confined space fatalities, the American National Standards Institute (ANSI) in conjunction with the American Society of Safety Engineers (ASSE) issued an updated Z117.1-2009 standard in August 2009. This standard offers guidelines to be followed while entering, exiting and working in confined spaces. MSA participated in the development of this new standard and encourages its adoption to improve the health and safety of workers in confined spaces. Key changes to the previous standard include references to equipment use in confined space entry, an expanded role for the person designated as qualified for making expert judgments in the employer's confined space program, increased training requirements and a greater demand on contractor safety and coordination. 

Visit www.ansi.org for more details.

Cairns® Defender® Visor Now Compliant as Primary Eye Protection!

Great news for Cairns Defender Visor owners! The Defender Visor was recently confirmed to meet primary eye protection requirements as defined by the NFPA 1500 standard. The Defender Visor also meets the ANSI Z87.1 standard on Eye and Face Protection as a primary eye protection spectacle, and continues to meet the NFPA 1971 standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting.

What does this mean for you? It means your Cairns Defender Visor, old or new, meets these important safety standards. But that's not your only option. MSA offers protective goggles that can be worn with your fire helmet that also meet these standards. When it comes to eye protection, nobody shields you better than MSA's line of protective eyewear. 

See for yourself at

www.msanet.com/Defender.




COMING SOON!

ALTAIR® 5X Multigas Detector with XCell® Sensor Technology

MSA is soon to expand the most advanced technology available in any portable gas detector on the market: the **ALTAIR 5X Multigas Detector** with XCell Sensor Technology. Built for durability, the ALTAIR 5X Multigas Detector for LEL, O₂, and toxic gas detection is as tough and functional as it looks. Rugged polycarbonate housing provides unsurpassed durability, even when dropped onto concrete from 10 feet. An integrated pump helps to ensure optimum pump performance while a lithium-ion rechargeable battery lasts up to 18 hours. Ergonomic design, large glove-friendly buttons, and high-contrast color display make the ALTAIR 5X Multigas Detector easy to use in all applications.

Toughness and durability aren't the whole story; the real strength of the ALTAIR 5X Multigas Detector comes from MSA's breakthrough XCell Sensors. These sensors typically last 4 years – more than double the industry average – and are engineered using MSA's proprietary ASIC design. This design provides superior signal stability, accuracy, and repeatability by miniaturizing the sensors' controlling electronics and placing them *inside* the sensor. ASIC design also delivers faster response and calibration times. And while saving money on calibration gas is a substantial benefit, the greatest savings could be the number of lives saved due to XCell Sensors' rapid detection of potentially hazardous gases.


The ALTAIR 5X Multigas Detector's 6-gas capability lets you test for more hazards in less time. The two-tox hydrogen sulfide/carbon monoxide sensor makes room for an additional sensor slot. Many other sensor choices are available, including ammonia, chlorine, hydrogen cyanide, phosphine, and sulfur dioxide. The ALTAIR 5X Multigas Detector can also be equipped with IR sensors covering many additional gases and ranges. 



Sightgard® Protective Eyewear – Compliance Made Easy!

The new ANSI/ISEA Z87.1-2010 standard has changed the rules regarding protective eyewear, but MSA already has you covered! All eyewear shown in the new MSA Sightgard Protective Eyewear catalog (0300-03-MC), including the latest styles of safety glasses and goggles, are fully compliant with the general and high-impact protector requirements of ANSI/ISEA Z87.1-2010. And with so many styles, lenses and options available, you're sure to find protective eyewear that fits your needs. Choose from anti-fog, anti-scratch, polarized, UV-protection (to 400 nm), and horizontal (sliding) or vertical (ratchet) temple adjustment models. Need help selecting the proper lens?

Check out the latest Sightgard Protective Eyewear catalog at www.msanet.com/SightgardCatalog

It's packed with great advice on choosing the right lens color or tint, tips on maintaining your eyewear, and help in finding the right frames for your face shape and size. 



MSA Responder™ Chemical Biological (CB) Kit – Essential Tools for First Responders

Knowing what you're up against when responding to a chemical or biological threat can mean the difference between life and death. Every second counts. To protect those on scene, first responders need to accurately detect the threat as fast as possible. The MSA Responder CB Kit is designed to do just that. It empowers first responders with the tools they need to quickly and accurately detect toxic industrial chemicals (TIC), chemical warfare agents (CWA) and biological threats. Kit components include three detectors:

Sirius® Multigas Detector – an easy-to-use yet powerful handheld instrument for detecting carbon monoxide, hydrogen sulfide, lower explosive limit (LEL), and oxygen levels. Key to the Sirius Detector is its 10.6 eV photoionization sensor which detects a broad range of toxic chemical threats.



HAZMATCAD® Plus Chemical Agent Detector – this handheld instrument combines Surface Acoustic Wave (SAW) sensing technology with electrochemical sensors to offer exceptional detection of chemical warfare agents and toxic industrial chemicals. The HAZMATCAD Plus Detector can quickly identify the presence or absence of programmed threats in less than 20 seconds.

BIOSENSOR™ 2200R Detector – this small, portable unit detects and identifies biological threats and toxins such as anthrax, ricin, SEB and botulism. Designed for easy operation, the BIOSENSOR 2200R Detector takes the user through a series of simple screens and prompts for each sample collection step. Results are available in 5 minutes.



PremAire® Cadet Escape Respirator – New Design Delivers Great Features

When it comes to SCBA, less is definitely more. The new streamlined design of the PremAire Cadet Escape Respirator offers a first-stage regulator and cylinder valve within one assembly, creating a very small size and profile that is less likely to snag when working in tight places. Workers can wear the cylinder on either hip for greater freedom. Harness material choices include nylon (ideal for chemical resistance) or Kevlar (ideal within high-heat environments). The Ultra Elite® Pressure-Demand Facepiece or Advantage® 4000 Facepiece with APR conversion capability offer choice of sizes and nose cups. The Firehawk® MMR Regulator lets users choose from Push-To-Connect (PTC) or Slide-To-Connect (STC) attachments. All regulators feature a bypass and choice of solid cover or purge. Great options and a very economical price make the PremAire Cadet Escape Respirator a top choice for respiratory protection.



Body Harness Saves Worker from Perilous Fall

On March 12, 2010, Dashawn Turner was building staging on the main deck of an aircraft carrier at the Northrop Grumman shipbuilding site in Newport News, VA. As he reached over to straighten a nail in a stage board, he lost his balance and fell. Luckily for Dashawn, he remembered what his foreman had told him that very day before starting work – to wear his body harness and be sure to hook it off on any staging over five feet. “All I could think about while I was waiting for them to get me down was my foreman telling us over and over to wear our harnesses and stay hooked off,” recalled Dashawn. Had he not heeded those instructions, Dashawn would have fallen nearly 20 feet onto an un-insulated pipe and a line tree before hitting the deck. That simple act of wearing his harness and correctly hooking it off had more than likely saved him from serious injury or even death.



SOHPC Saves Soldier's Life – Twice in One Battle

While on a mission in Afghanistan, Staff Sergeant Kimo Griggs' M-ATV came under artillery attack. As he exited his damaged vehicle, a rocket propelled grenade exploded nearby, shooting glass into his Paraclete® Special Operations Hard Plate Carrier. Unharmed, Griggs continued on, only to be hit with two fierce rounds to the chest. The impact knocked him off his feet, stealing his breath – but not his life. His fellow soldiers, in their haste to assess his injuries, cut the carrier from his body instead of using the quick detach straps, and were amazed to see no blood. The carrier had stopped both rounds, barring penetration. Griggs was dismayed over his shredded carrier, but not at the job it had done. “Your gear saved my life twice in a short amount of time. The soft armor stopped all the fragments from the gunshots; all I have is some serious bruising. I will never wear anything other than Paraclete for the rest of my career and I'm a lifer. Thank you for keeping me in the fight and good to go home to my wife and son.”



New Templar® Ballistic Package Offers Unsurpassed Protection

MSA Paraclete continues its long-standing reputation for superior ballistics protection with its newest NIJ0101.06-approved arrival – the SHD2 Templar® Ballistic Package. Featuring unsurpassed ballistic protection against NIJ Level II 9mm and 357 Magnum rounds, it's also the lightest and thinnest ballistic package currently on the market. Designed for comfort, the SHD2 Templar Ballistic package provides law enforcement officers with exceptional body armor protection without compromising agility and freedom of movement.

Check out the new SHD2 and the entire family of Templar Ballistic Packages at www.msanet.com/templar.



Firefighter Saves Life as Helmet Saves Him

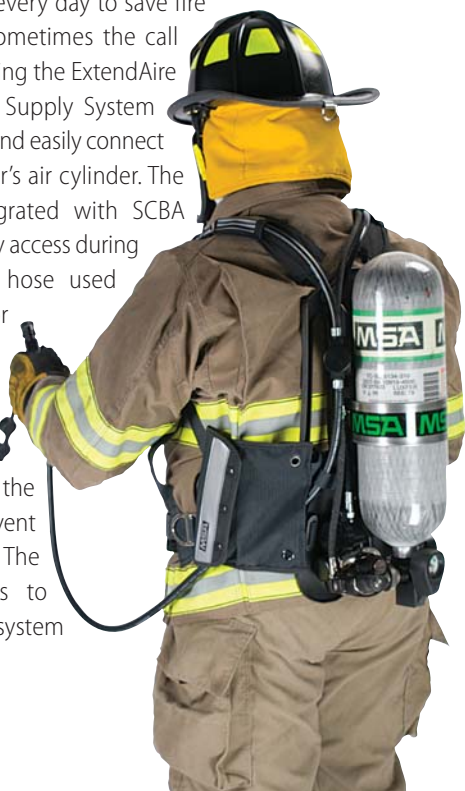
Icy sleet rained down the night of January 29, 2010 as the Douglas County Fire Department responded to a routine house fire call in Douglasville, GA. It turned out to be anything but routine for firefighter Frank Kitchens. When Frank arrived, the interior chimney fire had already been extinguished, but a ruptured gas meter was fueling intense flames up an exterior side of the house. Frank and another firefighter began dousing the flames, when suddenly the chimney started collapsing directly above the two men. With only seconds to react, Frank pushed his fellow firefighter out of harm's way, but could not save himself from the avalanche of wood and steel. The tremendous impact drove his face into the ground, causing severe injury to his teeth and jaw and knocking him unconscious.

Firefighters quickly dug Frank out from the mound of debris, including a heavy chimney cap that had toppled 28 feet, striking his Cairns® 1044 Helmet straight on. The blow cut a groove across the helmet, but it did not crack or allow the steel to penetrate. Frank was quickly treated at the scene, and then transported to the hospital for evaluation. He remembers his wife rushing into the emergency room with their infant son, and her being so relieved to see him alive. "She kept saying, 'Thank God you were wearing your helmet!'" Frank truly believes he wouldn't be alive today if not for his helmet, and he wants others to learn from his amazing survival story. "More than anything, I personally hope this shows the importance of wearing proper gear – even with exterior fires. Maybe somebody reading this will think about what happened to me and take an extra second to put on their helmet. I am living proof that it's worth it." 🧯



ExtendAire™ II Systems – When Every Second Counts

Firefighters are called upon each and every day to save fire victims from smoke inhalation, but sometimes the call comes from fellow firefighters. Introducing the ExtendAire II System – an Emergency Breathing Supply System (EBSS) that allows firefighters to quickly and easily connect to and breathe from a fellow firefighter's air cylinder. The ExtendAire II System is tightly integrated with SCBA to provide unrestricted mobility and easy access during critical situations. Integrated rescue hose used with the PR14™ First-Stage Regulator features a quick-connect fitting with an integrated check valve that prevents the breathing air pathway from ambient air contamination. The system is easily stowed in a waist pouch that mounts on the carrier assembly and is designed to prevent snagging and accidental opening. The ExtendAire II System also connects to the ExtendAire I System for additional system flexibility. 🧯



continued from page 1

New Breathing Air Systems Now Available!

Four new MSA Air System products offer easy-to-use, portable breathing air distribution systems to tackle your most demanding respiratory protection needs.

Industrial Air Cart – portable air cart provides air for up to four air-line respirators.

Technical Rescue Cart – portable air cart provides air for air-line respirators and unique pneumatic rescue tools – designed specifically for the Fire Service and HazMat Teams.

Filtration Boxes – two models (50 or 100 cubic feet of air/minute) offer portable Grade-D filtration systems that can filter and monitor for carbon monoxide while providing air for up to four air-line respirators.

Point of Attachment Box – provides portable Grade-D particulate filtration for up to four air-line respirators.

Check out MSA-U for online interactive training for these MSA Air System products at msau.msanet.com. 🧯



Cairns® 1010 Helmet Impacts Outcome of Fire Scene


On a blustery January day, the Borger Fire Department of Borger, Texas responded to a large wildfire that was threatening a nearby housing development. Helping to fight the fire was a three-man structural crew in their brush truck. After battling the blaze for several hours, firefighters seemed to have it well under control until sudden fierce winds blew new life into the fire. The structural crew was soon engulfed by thick smoke and knew they had to get out fast or face possible entrapment.

As they raced out of the billowing smoke they hit one of the Borger fire engines head on. Firefighters were using the engine as a last line of defense, helping to shield the housing development from the rushing fire. The fierce impact of the brush truck drove the engine back 3 feet, slamming the front bumper into Firefighter Casey Dawson's Cairns 1010 Helmet as he crouched behind the engine for protection. The helmet absorbed the tremendous impact and the shell released as designed. Firefighter Dawson was unharmed save for a slight abrasion from his chin strap. Chief Bob Watson of the Borger Fire Department believes his firefighter escaped serious injury that day thanks to his Cairns helmet. 🧯



MSA Skullgard® Helmet Saves Worker from Falling Concrete

On November 30, 2009, Herschel C. Smith was about to pour concrete at a job site in downtown Seattle. Suddenly, a one pound chunk of concrete toppled off his boom 100 feet above and smashed into his MSA Skullgard Protective Hat. The concrete bounced off the hardhat, striking his shoulder. The violent impact dented the hardhat and even created a small hole, but Herschel was spared a serious head injury. Herschel writes, "I have no doubt, upon inspection of the hardhat, that if I had not had it on or it was of lesser quality, this impact would surely have killed me. I would like to thank MSA for manufacturing a quality product that saved my life."

Protecting people – saving lives. That’s at the heart of MSA each and every day. 



Jennifer Zelko

Rita Audet’s (MSA/Newport) Final Assembly team is the last line of defense before MSA/Newport ships ACHs (Advanced Combat Helmets) to customers. They are as loyal to their customers as their customers are to them. That’s because, in many cases, they raised them.

“Rita maintains her focus, attention to detail and pursuit of excellence knowing that her son, daughter, and two sons-in-law wear ACH and TC 2000 Series Helmets made by MSA,” wrote Stephen Pitman, Production Supervisor at Newport.


Rita is responsible for all aspects of final assembly.

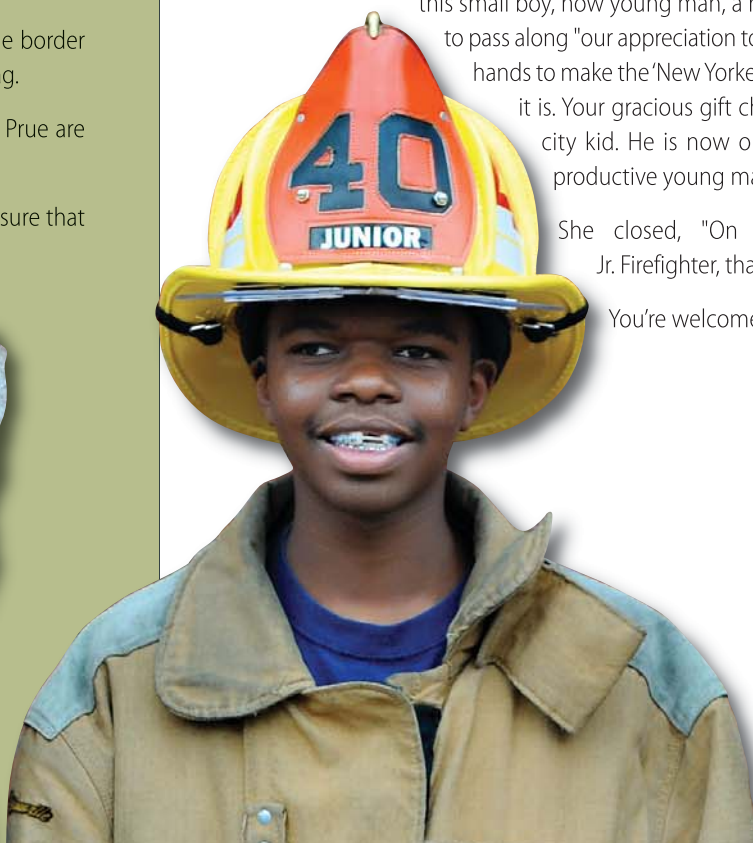
Rita’s son, R. J. Audet of U.S. Customs and Border Protection works near the border with Mexico and keeps an MSA TC-Series helmet at the ready in his gear bag.

Rita’s daughter, Jennifer Zelko, her husband Thomas and, son-in-law Chad Prue are deployed to combat zones and rely on ACHs for ballistic head protection.


It’s assuring for them to know that stateside there is someone who makes sure that only the highest quality products make it to the field.

“Just about everybody here has family in the service,” Pitman added.

They never know whose son or daughter may rely on MSA helmets, so they treat every helmet as if it were for someone in their own family. 



Adherence to Safety Program and MSA V-Gard® Helmet Combine to Save Worker

On June 4, 2010, Local #669 Sprinklerfitter, Matthew Scarborough of Shambaugh & Son, L.P. was helping to renovate an 86-year old theater in northern Indiana. Unbeknownst to Matthew and the Shambaugh crew, on a scaffold 50 feet above them a laborer with another company was sweeping chunks of brick and mortar into a pile for disposal. Suddenly, a 5 lb. brick rolled off the pile and over the scaffold’s edge. It ricocheted violently off an adjacent steel beam and then sliced diagonally downward, straight toward Matthew’s head. He never saw it coming. The brick struck the crown of his MSA V-Gard hard hat, driving him ten feet backwards. The Shambaugh Foreman, Doug Ailes, was standing right next to Matthew when it happened and quickly transported him to the Occupational Health Clinic for evaluation. Luckily, Matthew suffered no concussion or other serious injury. His neck and shoulders were stiff and sore for several days – a small price to pay considering what could have happened had he not been wearing his hard hat. Tom O’Connor CHST, CSP, Corporate Safety Director for Shambaugh & Son L.P. is pleased with Doug for enforcing a strict adherence to PPE use, and with Matthew for following the program and wearing his hard hat. "Our policy states that all employees must wear hard hats, and Matthew’s diligence in wearing his MSA V-Gard is to be commended. Other than a little scuff mark, the V-Gard was undamaged." Any time a helmet is impacted it should be replaced. Unseen stress to the shell or suspension may limit future protective capability. Matthew’s story is a great example of how adhering to workplace safety policies and wearing the proper PPE can make all the difference when the unexpected happens. 



Paxtang 40: A King’s Crown

His guardians, Cindy Baldwin (left) and Jill Dimpsey (right) had no idea what he was talking about, but just knew they probably couldn’t afford one.

Martel is a junior firefighter with the Paxtang Volunteer Fire Department. As a young boy, he admired firefighters and knew he wanted to grow up to be one. His local department didn’t have a Junior Firefighter program. When he learned that neighboring Paxtang did – and he could join at age fifteen – he jumped on his bicycle and pedaled there to sign up. As a minor, he needed permission from a parent or guardian so he made an appointment for Jill and Cindy to meet Paxtang Chief Todd Swigart and sign the papers. Martel walked in as a boy and walked out as a Junior Firefighter.

That’s where he first saw the New Yorker™ Leather Fire Helmet. He’d been in training for two years before the night he went home and told Jill and Cindy about the helmet.

When PA State Fire Commissioner Ed Mann heard about Martel, he got in touch with Keith Miller, MSA Eastern Regional Manager, First Responder Sales Division. He asked Keith if MSA could help make Martel’s prediction come true.

The answer arrived on Martel’s 17th birthday.

"Words cannot describe the look in his eyes when he opened the box and took out the fire helmet" said Cindy, "he was speechless! When he put it on, his shoulders rose and his body filled with pride."

In an impassioned letter to Commissioner Mann, she wrote, "...the fire service has given this small boy, now young man, a reason to excel." She also asked him to pass along "our appreciation to the men and women that use their hands to make the 'New Yorker' helmet the respected symbol that it is. Your gracious gift changed the life of a skinny, hungry, city kid. He is now on his way to becoming a healthy, productive young man."

She closed, "On behalf of Martel S. Robinson, Jr. Firefighter, thank you."

You’re welcome.

Dear Cairns...

Firefighter Erik Beasley of the Memphis Fire Department thought enough of his Cairns® N6A Houston™ Leather Fire Helmet's performance to send a thank-you email to Cairns.

"Dear Cairns," he wrote, "at a recent working fire I was caught in a partial collapse and was pinned by a wooden beam."

The beam was about a thirty feet long and could have weighed over 400 pounds. It rested atop the only wall left standing on the second story of a wood frame apartment building.

Beasley was using a hand line to "hit the hot spots" after most of the fire was out when the wall partially collapsed. The beam hit Beasley's head, then landed on his arm, pinning it to a wrought iron handrail.

Beasley gives the credit for saving his life to the quick work of his department's RIT (Rapid Intervention Team) - "they saw it happen," he said, "they were right on top of it"- and to his Cairns N6A Houston Leather Fire Helmet.

"It worked perfectly as designed! This helmet no doubt saved me from critical injury or worse! The helmet survived; I survived! Thanks for a great product!"

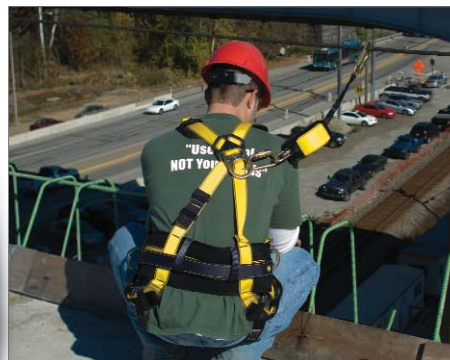
- E. Beasley, Rescue 1,
Memphis Fire Department



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New Addition to the Workman® PFL Family

Rest assured that its solid design and fast-acting brake mechanism will support you when you need it most. The Workman PFL with cable lifeline features versatile line length options (7' to 12'), a 400-pound working capacity, impact-resistant bumpers and a light yet rugged thermoplastic housing. An integral swivel on the PFL connector prevents the lifeline from tangling, while the load indicator alerts you when the device experiences a fall and must be removed from service. And the Workman PFL doesn't require annual recertification, decreasing both cost and device downtime. Want to see how the Workman PFL's many features and options can meet your fall protection needs? Just log on to www.msanet.com/WorkmanPFL and click the MSA-TV link.



WHAT'S NEW



MSA on Facebook

Launched in April 2010, our Facebook page has over 1,800 fans and over 700 "hits" per week. Check it out for the latest MSA news, photos, and videos. "Your Stories" – a fan favorite – has great posts involving MSA products, heroic rescues and miraculous saves. Visit our wall to post questions and comments for our MSA product experts. And keep checking back for exclusive giveaways! To join in the conversation and fun, "like" us today at www.facebook.com/MSATheSafetyCompany.



YouTube Channel

Since May 2010, we've added nearly 50 videos to our YouTube channel and the virtual community loves it! Our videos range from product overviews to stories of amazing courage, and have been viewed over 40,000 times – a testament to the compelling messages they convey. Be the first to see our new videos! Subscribe to our channel at www.youtube.com/msasafety.



QR Codes

Since May 2010, we've included a convenient "QR code" in our print ads. When scanned with your web-enabled mobile phone, our QR code connects to a related MSA video or mobile-friendly Web site so you can quickly learn more about the product. If your phone doesn't have a built-in barcode scanner, download one for free at www.2dscan.com.



Product Simulators

In October 2010, our ALTAIR® 4X Multigas Detector online simulator launch generated rave reviews. This life-like interactive application functions like a real ALTAIR 4X Detector – providing an excellent training and demonstration tool. Needless to say, there are more simulators in the works. Visit www.msanet.com/ALTAIR4XSimulator and conduct your own virtual test today!

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Cairns® Helmets Celebrates 175 Years of Excellence



Then came the ground-breaking 660 Phoenix Helmet in the late 1970s, an OSHA-compliant helmet that incorporated the first full thermal/impact cap. A series of "firsts" soon followed: first fiberglass-reinforced composite shell on the 660C Metro Helmet in 1981, first polyarylate faceshield in 1983, and first non-corroding faceshield hardware in 1984.

In 1995, Cairns engineered a level of performance that has never been equaled, even in today's helmets. The 990 Intruder Helmet offered superior cut and penetration protection with three overlapping layers of ballistic-grade Kevlar material. In 1990, Cairns introduced the Classic 1000 Helmet featuring a Kevlar composite material in a traditional helmet style. Then in 1992, the Cairns 1010 Helmet was launched as a total fiberglass composite in the same classic shape. The popular front piece line was re-launched in 1997 with expanded features and a piece of Cairns history in the new carved brass eagle front holder.

In 2000, Cairns was acquired by MSA – The Safety Company, which remains committed to carrying on the Cairns tradition of excellence in engineering, manufacturing and delivery of advanced head protection products to firefighters throughout the world.

Join in the celebration by visiting www.msanet.com/cairns175.



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 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.msanet.com

2011 Exhibit Dates	2011 Show and Location
January 18 - 21	SHOT Show (Shooting, Hunting, Outdoor Trade Show and Conference); Sands Convention Center; Las Vegas, NV
March 24 - 26	FDIC (Fire Department Instructors Conference); Indianapolis Convention Center; Indianapolis, IN
May 15 - 16	AIHce (American Industrial Hygiene Conference and Expo); Oregon Convention Center; Portland, OR
June 12 - 14	ASSE (American Society of Safety Engineers); McCormick Place; Chicago, IL
July 19 - 23	Firehouse Expo ; Baltimore, MD
August 26 - 27	FRI (Fire Rescue International); Georgia World Conference Center; Atlanta, GA
October 31 - Nov 2	NSC (National Safety Congress); Pennsylvania Convention Center; Philadelphia, PA

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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 Pittsburgh, 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 & 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** (Customer Service), mail, or electronic mail.

Spotlight on Safety

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