



The Safety Company

NEWS | PRODUCTS | SOLUTIONS

SPOTLIGHT ON SAFETY®

Custom Fall Protection Products – Improving Safety with Style!

Think safety gear can't be stylish? Think again! Introducing MSA's Custom Fall Protection Products—



a customization service that elevates fall protection gear to a whole new level.

more on page 5 ▶

Remote Gas Monitor Display Puts Workers' Safety First



When it comes to monitoring hazardous gas levels, knowledge is priceless, especially when workers' lives are at risk. Introducing the **Gas Monitor Remote Display**—a compact unit designed to alert workers to potentially hazardous gas levels before room entry.

more on page 9 ▶

New! Workman® Tripod Delivers Features Users Want Most

You asked for a lightweight, versatile tripod that's easy to use. *Well here it is!* **MSA's Workman Tripod** is designed with great features from top to bottom.



more on page 9 ▶

Altair® 4 QuickCheck® Station—The Name Says It All!



How would you like to cut your bump test time in half while using less gas and up-front hardware? No problem if you're using MSA's new **Altair QuickCheck Station**.

more on page 6 ▶

Soldier Credits MSA's ACH with Saving His Life

Najaf, Iraq – February 10, 2009. Staff Sgt. Matthew Harvey, a construction supervisor with Company E, 2nd Combined Arms Battalion, 8th Infantry Regiment, came under enemy fire as he stopped to clear debris from underneath his armored vehicle.

After returning fire and taking out the first shooter, he stood up and was instantly hit by a second shooter who fired a bullet into his helmet just above and behind his right ear. The impact slammed the Staff Sergeant's head into the vehicle, cutting him badly across the cheek. Disoriented from the impact, he continued returning fire until he was pulled to safety inside a second vehicle where a medic examined him.

After removing the Staff Sergeant's gear, the squad leader inspected the **MSA ACH** and saw a bullet hole in the Kevlar. The Kevlar had altered the bullet's course, channeling it around to the back of the helmet and downward.

Staff Sgt. Harvey, who received the **Purple Heart**, believes he is alive today thanks to equipment provided to him by the Army, in this case, his MSA ACH. 🛡️



SAVED

New EVOTECH™ Full-Body Harness—Already a Customer Favorite!

Customers are raving about MSA's EVOTECH Full-Body Harness. And with good reason! When it comes to great comfort, superb fit and ease of use, the EVOTECH harness outperforms the competition. In fact, 90% of survey respondents said they'd prefer the EVOTECH to their current harness.

Built with moisture-wicking material to keep users cooler, the harness features padded **leg straps with a unique design that stays in place** while increasing mobility. Variable-width sub-pelvic strap webbing provides 50% more surface area for optimum weight distribution **during work positioning or personnel riding applications.**

more on page 8 ▶



Advantage® 420 Half-Mask Respirator—Better Features, Better Fit

Looking for a half-mask respirator with superior comfort, enhanced safety features, and exceptional fit? The **Advantage 420 Half-Mask Respirator** has you covered!

Its unique AnthroCurve™ II Sealing Surface, based upon the new NIOSH fit test panel, provides an excellent fit for a broader range of head sizes and facial contours. The over-molded, one-piece UniBond facepiece is made of super-soft LIM silicone and offers exceptional stability while eliminating potential leak paths. And the one-piece ComforTop cradle headband and harness assembly eliminates annoying pressure points, especially those caused by wearing a respirator with headgear.

more on page 9 ▶



Skullgard® Helmet Takes Incredible Impact—Saves Worker's Life

Think wearing a hard hat is optional? Think again. Every year, hundreds of workers' lives are saved simply by putting on hard hats.

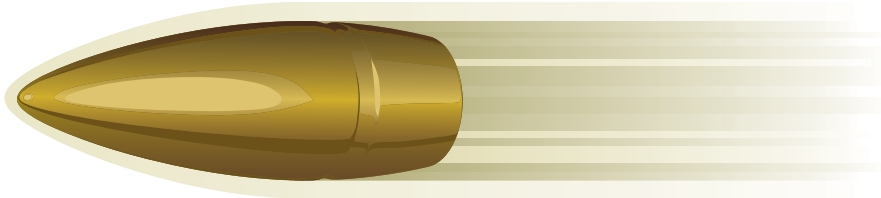
Just ask Ryan DeVolder, who credits his MSA Skullgard Helmet with protecting him from possible injury and death. Ryan was installing steel clips for a downtown San Francisco window system while a crew working above him without a safety net was stripping concrete. Suddenly, a 10-pound chunk of concrete broke loose and fell six stories directly onto Ryan's head. The driving force smashed his face into the building, shattering his cheekbone, fracturing his skull and crushing several teeth.

Yet despite the tremendous impact, Ryan never lost consciousness. "The building is right on the sidewalk," he recalls. "The concrete could have hit someone walking. And if they weren't wearing a hard hat it would have taken them out for sure." Ryan is alive today thanks to a very smart, yet simple act—putting on his MSA Skullgard Helmet. 📵



SAVED

MSA Paraclete® Body Armor—A Higher Standard of Protection



When it comes to protecting those who protect us, MSA Paraclete® continues to lead with its line of **Templar™ Ballistic Packages** certified to rigorous new **National Institute of Justice (NIJ) 0101.06 performance standards**.

These standards mandate a higher level of protection against ballistic threats, including .357 SIG and 44 Magnum rounds, and new testing protocols to simulate the effects of aging and extended wear on ballistics materials. MSA Paraclete embraced these new standards as it always has—by exceeding them. The NIJ 0101.06 protocol increases the number of ballistic shots per threat level from 24 bullets (NIJ 0101.04 certification) to 72 bullets. But MSA Paraclete's four ballistic testing labs have always used a more rigorous protocol involving a minimum of 96 bullets without penetration per threat level.

Why test way beyond the standard? Because protecting men and women who put their lives on the line each and every day is MSA Paraclete's top priority. In fact, while some body armor manufacturers opposed toughening the NIJ standards because of the difficulty and costs associated with achieving certification, MSA Paraclete fully supported the initiative and even provided input into the recommended changes. MSA Paraclete Body Armor—engineered to a higher standard of protection. 📵



MSA's Rebuilding America Update

The **American Recovery and Reinvestment Act of 2009** focuses on "shovel-ready" projects expected to infuse billions of dollars into rebuilding our country's infrastructure, including roads, bridges, and highways. MSA is committed to protecting workers who are working hard to rebuild America.

As part of **MSA's Rebuilding America** initiative, MSA has reduced pricing on some head protection models and offers a lower-cost head protection alternative. Visit the MSA Gear website at <http://corpgear.com/msa> to order Rebuilding America items, along with other MSA promotional items.

Call MSA Customer Service at 1-800-MSA-2222 to provide your crew with the protection they need at a great price. 📵



Expanded Warranty for Thermal Imaging Cameras (TICs)

MSA's **TIC Warranty Program** just got better! Now the camera core and camera components for all **Evolution®** and **ThermalTrac® Thermal Imaging Cameras** are fully covered for two years. The camera core is the most expensive component of any TIC, often accounting for up to 75% of camera cost. Adding camera components to the two-year warranty gives TIC users additional warranty coverage where it's needed most. For warranty details including extended service contracts, see

[MSA TIC Warranty bulletin #3400-41-MC](#) 📵





MSA's Fireslayer of the Year Honors Five Heroes

On May 12, 2008, the Coral Springs Fire Department arrived at an apartment fire to find heavy smoke and reports of a mother and baby trapped inside. With adrenaline soaring, they leaped into action.

Firefighter David Tyrrell scanned for victims with his Evolution® 5200HD2 Thermal Imaging Camera. Firefighter Daniel Doherty stretched a hose to the front door for Lt. Scott Nathanson and Firefighter John Barry. They hit the ceiling with water bursts to reduce heat without creating steam, a technique called penciling.

Between bursts, the room fell silent. Nathanson thought he heard a moan and scanned the room. He spotted a woman huddled low to the floor. But where was the baby?

Nathanson took the nozzle and directed Barry to get the woman out. Barry tried to move her, but suddenly he saw two little feet. "I found the baby!" he exclaimed. She was protecting her baby with her body.

Firefighter Alden Prince was stationed at the door, feeding hose. When the hose stopped moving, he followed it inside

to help, passing Barry and the baby on their way out. Seconds later, Prince emerged with the mother.

Both mother and baby survived that day thanks to five brave heroes—our 2009 MSA Fireslayers of the Year.

Established in 2000, MSA's Fireslayer of the Year recognizes firefighters who display selfless dedication in the line of duty. 


SAVED



T2 Tango Body Armor— New Tactical Armor Geared for Law Enforcement



The newest addition to MSA Paraclete's premier line of tactical armor is now available.


T2 Tango Body Armor combines the popular Tango cut and styling with great new features for ultimate comfort and flexibility. A drop-down front flap allows easy access to the RAV 07-style cummerbund, while the front-load pocket makes inserting rifle plates a snap. Anti-skid shoulder panels help to prevent weapon slippage, and new shoulder, groin, and throat collar accessories offer even greater protection. Law enforcement officers can choose sizes and plates to fit their needs. T2 Tango Body Armor meets the new NIJ 0101.06 ballistic performance standard when paired with MSA Templar™ Ballistic Packages. 

Altair® 5IR Multigas Detector— IR Sensor Capability and Six-Gas Detection




MSA's Altair 5 Multigas Detector now offers IR sensor capability; dedicated IR sensors for carbon dioxide, methane, propane, and butane provide fast, reliable readings even in challenging temperature and humidity conditions. MSA's catalytic combustion sensors reliably detect up to 100% LEL of combustible gases, including many solvents. Additional toxic sensors include ammonia, chlorine, hydrogen cyanide, phosphine, and sulfur dioxide. Six-gas capability lets you test for more hazards in less time.

An integrated Patented PulseCheck® Pump helps to ensure optimum pump performance, while a lithium-ion rechargeable battery provides enough run time to cover double shifts. High-resolution, crisp color display option provides easy readability even in low-light conditions. More than 18 preprogrammed languages offer global application convenience. Help to protect your investment with the Altair 5 Multigas Detector's two-year comprehensive warranty (standard models).

For more information on the Altair family of products visit <http://www.msanorthamerica.com/catalog/catalog534.html> 

Bienvenido a MSA México!



Buenas noticias for the millions of Spanish-speaking people! MSA now has an all-Spanish language Web site offering information on 145 MSA products and 103 distributors throughout Mexico. Visit MSA Mexico today at www.msanet.com.mx to view or download MSA product information including bulletins, specifications and manuals— all in Spanish! 

CHIPS™ Communication System Serves Mission-Critical Operations

MSA proudly introduces its **CHIPS Communication System**—the most technologically advanced communications and hearing protection system on the market today.

CHIPS Communication System delivers reliable, clear communications while protecting against loud, damaging sounds such as weapons fire. State-of-the-art spy microphone assemblies provide talk-through capabilities while maintaining situational awareness. Use as a standalone system or integrated with MSA's Advanced Combat Helmet (ACH). Choose from three communication headset systems: low-noise, high-noise in-ear, or high-noise circumaural. For added hearing protection, the high-noise in-ear and circumaural headsets can be worn together and maintain the soldier's situational awareness.



All three headsets interface with the CHIPS PTT (Push-To-Talk) Control Module, which automatically configures the system by adding or dropping radios without the need for system adjustments. The module can interface with two portable radios and a vehicle intercom system simultaneously, allowing users to distinguish the communication source at all times.



Smart design voice authentication lets users know when radios are added or dropped from the system, and users can select single- or dual-hearing protection based on their needs. Waterproof system helps to ensure operability after water exposure. 🧑‍🚒

New SCBA Value Configurations Help Ease Fire Service Budgets

Looking for a basic, rugged, and reliable fire service SCBA without accessories from a name you can trust? Look no further than MSA's new line of **FireHawk® M7 Value Configurations**.

These configurations were chosen to satisfy the demand for a no-frills, NFPA 2007 Edition-compliant SCBA base unit. All performance components (pneumatics and electronics) are identical to MSA's broad line of FireHawk M7 and FireHawk M7 Responder® Air Masks. Value configurations simply provide ease-of-ordering part numbers for available combinations of mask, cylinder, and facepiece. Save time, save money with value configurations today! 🧑‍🚒



Thermal-E™ Protective Caps Offer Highest Heat Protection

You won't find better elevated temperature protection in a Class E, Type 1 protective cap than the new **Thermal-E Slotted Cap** made of strong Ultem material. It provides the ultimate protection for elevated temperature and electrical/high-voltage applications. Rugged caps are ideal for use in utility work, welding, steel and glass manufacturing, mining, and smelting. MSA's Fas-Trac® Suspension is durable and comfortable and allows for easy adjustment of your helmet suspension.

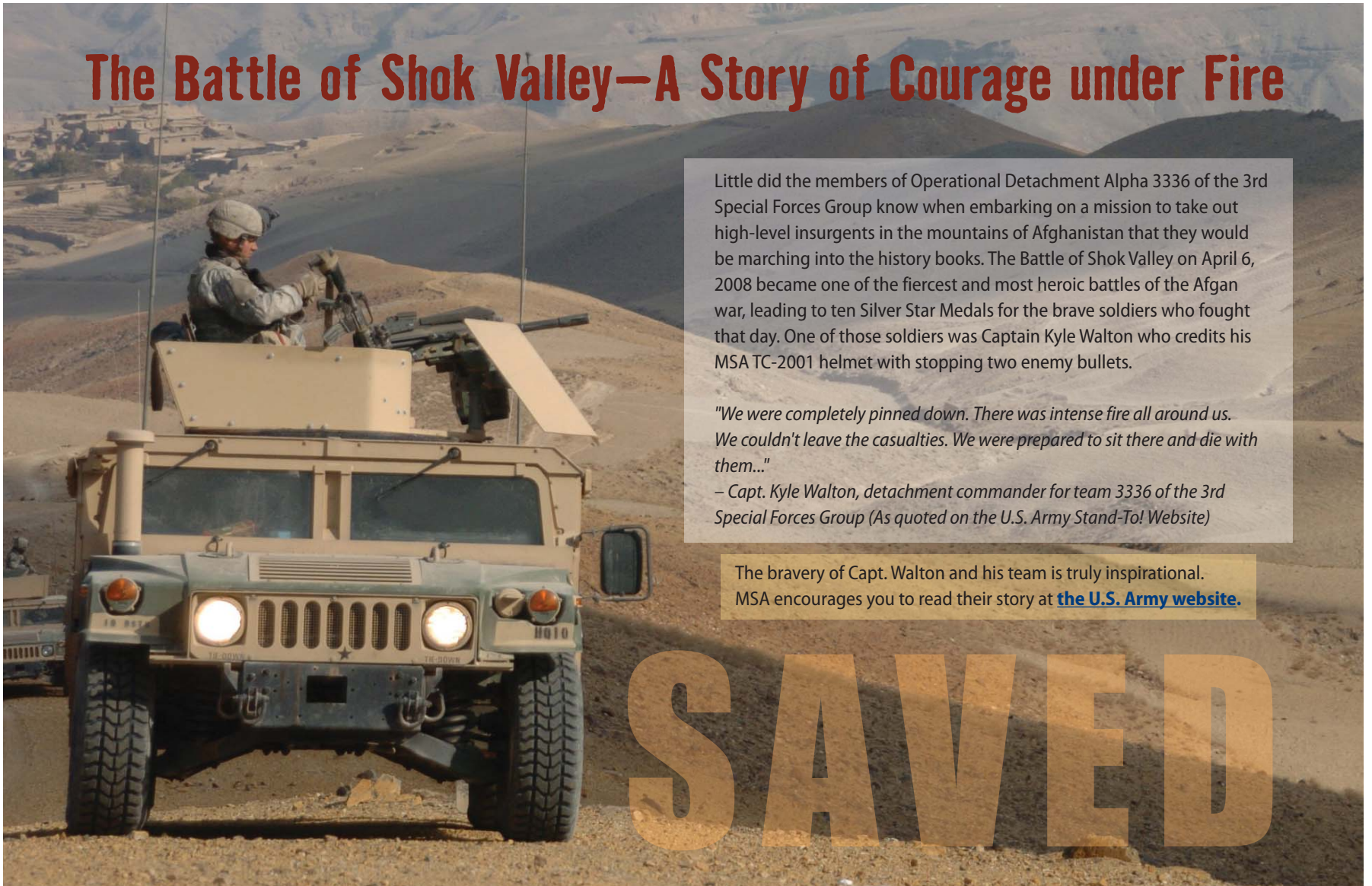
Meets all requirements for a Type 1 (top impact) helmet per ANSI/ISEA Z89.1-2009 (Class E) and CSA Z94.1-2005 (Class E), as well as Z89.1 non-mandatory standards for low temperature and reverse donning. Available in five great colors, the cap can also be customized with a logo, slogan, reflective striping, or custom paint color. 🧑‍🚒



MSA ARC Shields—Protection from Arc Flash

Arc flash – a sudden, explosive energy release that occurs during an electrical arc – is one of many hazards facing electrical workers worldwide. Serious burns and even death can result from arc flash incidents. Be sure that you're protected! MSA's **ARC Shield** visor, when combined with proper eye protection, chin protection, and dielectric headgear such as MSA's Thermal-E™ Helmet, offers essential protection from arc flash hazards. Be sure to assess your particular situation using the proper hazard/risk analysis as indicated by your safety officer; additional protective equipment, such as protective clothing may be required. 🧑‍🚒





The Battle of Shok Valley—A Story of Courage under Fire

Little did the members of Operational Detachment Alpha 3336 of the 3rd Special Forces Group know when embarking on a mission to take out high-level insurgents in the mountains of Afghanistan that they would be marching into the history books. The Battle of Shok Valley on April 6, 2008 became one of the fiercest and most heroic battles of the Afghan war, leading to ten Silver Star Medals for the brave soldiers who fought that day. One of those soldiers was Captain Kyle Walton who credits his MSA TC-2001 helmet with stopping two enemy bullets.

"We were completely pinned down. There was intense fire all around us. We couldn't leave the casualties. We were prepared to sit there and die with them..."

— Capt. Kyle Walton, detachment commander for team 3336 of the 3rd Special Forces Group (As quoted on the U.S. Army Stand-To! Website)

The bravery of Capt. Walton and his team is truly inspirational. MSA encourages you to read their story at [the U.S. Army website](#).

MSA's Virtual Trade Show— Only a Click Away!

Couldn't get to the FDIC 2009 Trade Show? Great news! You can still attend from the comfort of your home or office with MSA's on-line Virtual Trade Show. Simply visit www.msafire.com/vts to view video clips of MSA's newest products from the showroom floor. It's just like being in the booth (without the crowd)! While you're there, you can meet MSA's FireSlayers of the Year—five brave firefighters who risked their lives to save a mother and child trapped in a fire. Or visit MSA-U on on-line training on a host of MSA products. And if you're feeling lucky, play the MSA Slot Machine game for your chance to win one of several prizes, including an iPod Touch! 🧑‍🚒



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Custom Fall Protection Products —Improving Safety with Style!

Can customizing with color really improve safety? Consider the benefits of custom-colored harnesses:

- Unique colors allow inspectors to more easily **determine if the correct product is being used** on the job site or in specific applications.
- **Easily identify** job site **personnel** when employing multiple contractors.
- **Easily identify harness sizes**, which can assist with selecting appropriate PPE.
- May help **prevent equipment theft**.



sample 3D PVC logos

Want to include your company logo or slogan? MSA Custom Fall Protection Service specialists are ready to help you design the perfect custom harness. Choose from low-cost heat transfer or durable 3-D PVC logo styles. MSA can also customize cable length, ropes, lifelines, lanyards, anchorage connectors, and rescue rope systems. Call your local distributor, MSA Sales Associate, or MSA Customer Service at **1-800-MSA-2222** and start customizing! 🧑‍🚒

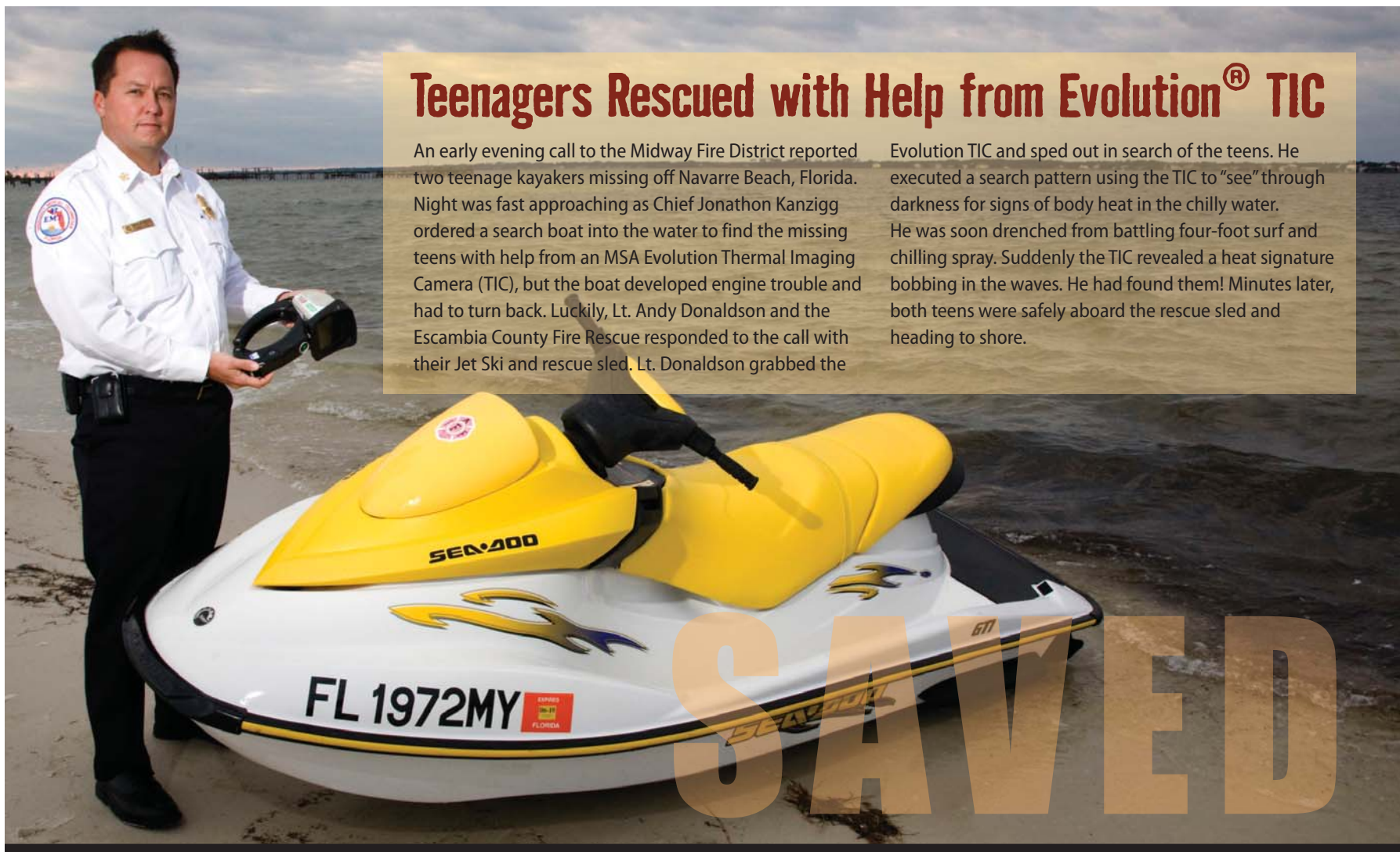
Freedom Series™ Helmets Celebrate National Pride

Love to show your patriotism, even while hard at work?

Now you can, with MSA's new **Freedom Series V-Gard® Slotted Caps** and **Non-Slotted Hats**. Choose from nine vibrant, glossy designs—each depicts strong symbols of American or Canadian freedom that are sure to invoke national pride. All come equipped with MSA's Fas-Trac Suspension for great fit and comfort.

Meets all requirements for a Type 1 (top impact) helmet as specified in ANSI/ISEA Z89.1-2009 (Class E) and CSA Z94.1-2005 (Class E) as well as Z89.1 non-mandatory standards for low temperature and reverse donning. To learn more about the Freedom Series V-gard Caps visit <http://www.msanorthamerica.com/catalog/product17457.html> 🧑‍🚒





Teenagers Rescued with Help from Evolution[®] TIC

An early evening call to the Midway Fire District reported two teenage kayakers missing off Navarre Beach, Florida. Night was fast approaching as Chief Jonathon Kanzigg ordered a search boat into the water to find the missing teens with help from an MSA Evolution Thermal Imaging Camera (TIC), but the boat developed engine trouble and had to turn back. Luckily, Lt. Andy Donaldson and the Escambia County Fire Rescue responded to the call with their Jet Ski and rescue sled. Lt. Donaldson grabbed the

Evolution TIC and sped out in search of the teens. He executed a search pattern using the TIC to “see” through darkness for signs of body heat in the chilly water. He was soon drenched from battling four-foot surf and chilling spray. Suddenly the TIC revealed a heat signature bobbing in the waves. He had found them! Minutes later, both teens were safely aboard the rescue sled and heading to shore.

Workman[®] Reusable Roof Anchor —A Perfect Fit Every Time

Don't let a roof's shape dictate your level of safety! Whether your roof is flat or sloped, the versatile Workman Reusable Roof Anchor is the perfect solution for reliable anchoring protection. Its unique design lets you attach it to the roof peak, or off the roof peak in a flat position without compromising strength. Features strong, zinc-plated carbon steel with offset center holes that help to reduce the possibility of truss-splitting during installation. Use with screws or nails. Fits any wooden roof up to 12/12 pitch and supports a 400-pound maximum worker capacity. Visit [the MSA website](http://www.MSA.com) for more details. 🧑‍🏰



Sunshades—Stay Cool, Stay Protected

Stay protected on those hot summer days! MSA's SunShade Accessory reflects sun and heat away from ears and neck, helping workers stay cool and more protected from harmful rays. Breathable mesh fabric also enhances worker visibility with vibrant colors and reflective striping. Stay-put clips and flexible elastic strap allows great fit with most hard hats.



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Altair[®] 4 QuickCheck[®] Station—The Name Says It All!

Simply insert an Altair 4 Multigas Detector and in less than one minute you've got complete bump test results including instrument gas response and visual/audible alarm check. Results are stored on the instrument's internal data log for easy retrieval and a convenient checkmark remains on the instrument display for 24 hours as a visual indication of successful bump. It's fast, reliable, and very user-friendly. No buttons to push and no waiting around. Ideal for large gas detector fleets requiring quick throughput. And for mobile workers, the optional vehicle power accessory enables quick bump tests while on the go. 🧑‍🏰



MSA V-Gard® Helmet Rescued After Three Years at Sea

When a strong gust of wind jettisoned Jacoby Angleton's favorite **MSA V-Gard Helmet** into the icy Alaskan waters far below his loading dock, he thought it was gone forever. Little did he know that his helmet was just setting off on a fantastic three-year voyage that would take it 1,785 nautical miles to Pescadero, California. That's where Sparrow Baranyai found the hard hat in March, 2009 while walking on the beach. According to Baranyai, the hard hat was in "amazing condition" and the stickers were still legible along with Angleton's name. Intrigued by such an unusual find, Baranyai tracked Angleton down using his MySpace e-mail account. At first he couldn't believe it was the hat he had lost so long ago. But after Baranyai described it to a T, Angleton realized it truly was his long-lost V-Gard Helmet. Now that's a testament to durability!



Sparrow Baranyai wearing Jacoby's found helmet.



MSA eTools

MSA eTools – Just a Mouse Click Away!

Now it's easier than ever to access the latest training, product demonstrations, sales and educational materials and even interactive video games, all geared toward enhancing your knowledge of MSA's innovative safety products. Start exploring today with MSA's eTools, available online at the following websites:

Let MSA eTools Work for You!

@ MSA-U®

MSA University is your premier center for online training and product information, available 24/7 and free to registered users. With over 120 training sessions presented as videos, podcasts, interactive applications, animated graphics and white papers, MSA-U is sure to have the information you need. Enroll now by registering at: MSAU.MSAnet.com



@ MSA-TV

Hosted by a team of product experts, these short videos explore MSA products through lively demonstrations of product features, benefits and usage. Want to hear how loud that alarm sounds, or if those buttons are easy to push through a gloved hand? MSA-TV videos attempt to answer the questions that data sheets can't—letting you visually review the product from the comfort of your home or office. So tune in to MSA-TV at www.MSAnet.com/msatv



@ MSA's Asset Library

The MSA Asset Library is your one-stop-shop for MSA images, logos and product literature. Available to the public as free downloads, this collection of over 1000 MSA materials contains both high and low resolution graphics. Features include thumbnail images, one-click downloads and easy navigation. The literature site offers a fast, convenient way to navigate, download, print and order from a vast inventory of MSA documents. Visit the Asset Library today at <http://assetlibrary.msanet.com>



@ MSA Logo Express®

Put your logo to work with an easy-to-use program that lets you create your own hardhat design. Choose from popular pre-made elements or submit your own logo or design for a truly custom look! Rather show support for your favorite NFL team, Logo Express has you covered. With 32 NFL teams to choose from, you're sure to find a design for everyone on your team. Express your creativity at <http://www.msanet.com/logoexpress>



@ MSA Advisor eNewsletter

Don't miss out on the latest MSA news! **The Advisor**, MSA's online newsletter, keeps you in the know about new product launches, important product bulletins, the latest product and sales training, and what's hot on MSA's website. Want to receive The Advisor online? Simply ask your MSA Sales Manager to add you to the e-mail list for your specific market, or call MSA Customer Support at 1-800-MSA-2222.



@ MSA Product Explore

Want to explore beyond the MSA product catalog? Check out the online page of many MSA products such as the **FireHawk® M7 Air Mask**, **Advantage® 400 Series Half-Mask Respirator** and the **Altair® 4** and **Altair 5** Multigas Detectors. There you'll find links to **interactive product videos** and **3D displays** that bring MSA's products to life. Get a 360° view of the product from every angle with callouts to key features. Or explore interactive product demonstrations that let you view the features that interest you most. Look for these links and start exploring today!





NFL V-Gard® Protective Caps Sport Sleek New Styles!

MSA's line of officially-licensed **NFL V-Gard Caps** now sport great new styles for all 32 NFL teams. Bold, electrifying designs capture game day intensity and are sure to unite workers on your team.

Steeler Nation will wave its Terrible Towels in approval of the new Six-Pack design honoring the Steelers' sixth Super Bowl Championship.


All new styles are equipped with MSA's award-winning **1-Touch® Suspension** and come individually packaged in a sleek display box. Keep it in the box for display or wear it knowing you're protected with a Type 1 (top impact) helmet certified to ANSI/ISEA Z89.1-2009 (Class E) and CSA Z94.1-2005 (Class E) standards, as well as Z89.1 non-mandatory standards for low temperature and reverse donning.



New Styles!

For more details & product literature, go to www.MSAnet.com

OptimAir® Mask-Mounted PAPR Offers Comfortable, Long-Lasting Protection


MSA's new NIOSH-approved OptimAir Mask-Mounted PAPR protects workers against hazardous particulates while providing great comfort and long-lasting use. Ideal for asbestos and lead abatement industries and nuclear applications, its lightweight, compact design provides comfortable, flexible fit without impeding vision. The rechargeable NiMH battery provides eight hours of continuous use; battery pack is water-resistant for easy shower decontamination. The dual-rate Smart Charger charges a fully-discharged battery in less than three hours. Choose from several popular facepieces. Standard OptimAir Mask-Mounted PAPR kits include motor/blower, NiMH battery, dual-rate Smart Charger, one Type HE OptiFilter® XL Cartridge, urethane-coated web nylon belt, and choice of facepiece. 



OptimAir MM PAPR with Advantage 4000 facepiece and OptiFilter Cartridge.

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New EVOTECH™ Full-Body Harness—Already a Customer Favorite!

Users love how easy it is to get the perfect fit, thanks to the single-hand torso adjustment buckles. Choose from Quick-Connect, Tongue-Buckle or Qwik-Fit™ buckle hardware for fast, secure leg strap connections. A 3-position back D-ring lets users choose the optimal lanyard connection point. Other great features include dual-color webbing— red pattern on outside, black on inside —that simplifies harness donning. Web material has integrated reflective piping for increased visibility in low-light environments, and a tough Nanotech coating that repels dirt, grease and moisture. Washable shoulder pads have a non-binding edge to prevent neck chafing and are easily positioned with Velcro. The EVOTECH harness meets OSHA regulations, ANSI Z359.1/ANSI A10.32, and is CSA certified. For more information on the EVOTECH harness visit www.MSAnet.com/EVOTECH 



MSA's Gold Helmet Award— A Golden Tradition of Safety Recognition

MSA strongly believes in programs that promote workplace safety and accident prevention. But when accidents do happen it's also important for companies to recognize workers who escape serious injury or even death by properly protecting themselves on the job. The Gold Helmet Award honors those saved by their MSA hardhat or other MSA personal protection equipment. In 2009, MSA presented Gold Helmet Awards to thirteen individuals, including several who believe that they're alive today thanks to MSA helmets. One such worker is Ryan DeVolder, whose incredible story of survival is told on page 2.

Gold Helmet awardees receive a gold MSA V-Gard® Cap, a mounted, personalized certificate, and gold V-Gard Cap lapel pin/tie tack. The Gold Helmet Award is a great way to promote your company's safety programs while recognizing worker adherence to safety procedures. If you'd like to nominate a worker, simply click this link to fill out MSA's [Gold Helmet Award Report Form](#). 




*The Gold
Helmet
Award*

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Remote Gas Monitor Puts Workers' Safety First



Use it with **Chillgard®** or **Chemgard® Gas Monitors** to mimic their readings for gas concentration, alarm status, calibration, and fault diagnostics. Simply install the Gas Monitor Remote Display adjacent to entry ways or walls outside the monitored area. Workers are alerted with an audible alarm and a visual status indicator—essential early warnings prior to room entry. It's like having a private sentry stationed outside the door!


And for chiller rooms and production areas removed from system controllers, the Gas Monitor Remote Display is an economical solution for helping to ensure reliable, ASHRAE15-compliant entryway signaling for potentially hazardous gas concentrations. 

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New! Workman® Tripod Delivers Features Users Want Most

The aluminum tripod head is nearly 10 pounds lighter than a comparative steel head and offers four attachment points for greater versatility. Telescoping legs (up to 8 ft. height) contain an internal spring and lock mechanism that prevents legs from tangling when the tripod is collapsed (prevents fingers from being pinched, too!). No need to count holes, thanks to a maximum height indicator that lets you easily see the maximum leg extension length. Legs automatically lock in the open position for added safety. A separate pulley/bracket assembly is not needed, making hoist attachment simpler and faster.




The **Workman Tripod** is ideal for confined space entry applications such as manhole or tank decent, and can be used with MSA Lynx® Hoist and Lynx Rescuer, eliminating the need to purchase new equipment or undergo costly upgrades. 

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Advantage® 420 Half-Mask Respirator

The Advantage 420 Respirator's innovative moisture-release design combined with a textured seal help stop facepiece slippage in hot, humid conditions, while the downward air flow feature all but eliminates faceshield lens fogging.

Spending too much time donning your current mask? With the Advantage 420 Respirator, donning and doffing couldn't be faster, thanks to its flexible harness assembly modes. Drop-down mode lets you remove the facepiece and rest it safely against the chest while wearing headgear. Lockdown mode locks in your personal fit in one easy step, eliminating the need for further adjustments.

For a truly comfortable respirator with truly great features, look no further than the Advantage 420 Respirator. For more details visit <http://www.msanorthamerica.com/catalog/product503910.html> 

3-Step Donning Process

Flexible, patent-pending, one-piece Easy-Don Head Harness assembly simplifies donning and doffing.




Drop-Down Mode

Meet the Standards

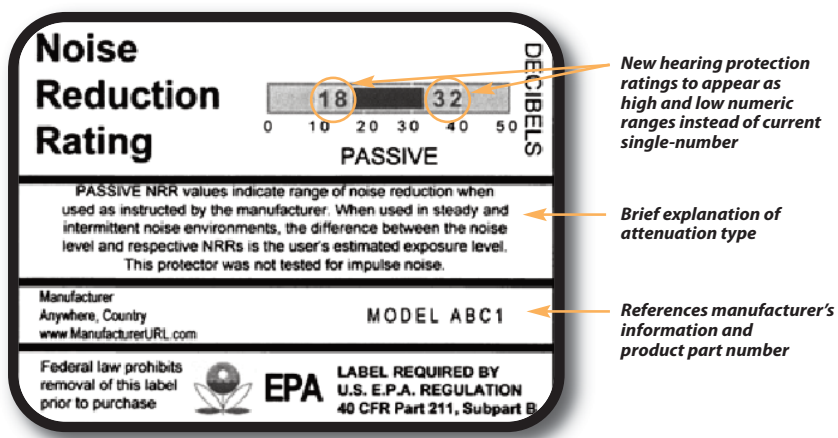
ANSI/ISEA Z87.1-2009 Standard Update

The yet-to-be-released **ANSI/ISEA Z87.1 Standard** affects eye and face personal protection products including safety glasses, safety goggles, visors, headgear, and frames. To help workers choose the right products, the standard emphasizes types of hazards typically encountered by workers. Products will offer new markings that identify the type of protection provided by the product (i.e., protection against droplet, splash, impact, fine dust and/or mist) and lens type (such as visible light filters and variable tint). The new ANSI/ISEA Z87.1 Standard no longer distinguishes between "basic" and "high" impact. If the product does not pass the impact testing requirements, it is not considered to provide impact protection, and must be marked and identified as a "non-impact" protector. Products that do not pass impact testing requirements are marked as Z87. Products that pass high-impact testing requirements are marked Z87+. Additionally, spectacles with thin temples will require side shields if they do not pass the new standard's extended side coverage requirements. MSA is currently reviewing its entire North American eye and face protection product lines. All products that remain active, as well as any new products, will be tested to the new methods outlined in ANSI/ISEA Z87.1. Any product that does not pass the standard will be removed from sale. Stay tuned for additional updates regarding ANSI/ISEA Z87.1. 

MSA Hears EPA's Call on Proposed New Standards

The Federal Environmental Protection Agency (EPA) *Noise Labeling Standards for Hearing Protection Devices* (40 CFR 211) is changing for the first time in 20 years. Proposed new standards for Hearing Protection Devices (HPDs) involve new testing protocols, increased number of test subjects, self-fit guidelines, retesting of devices, range-based noise reduction ratings (NRR) and new labeling criteria. Once the EPA's Final Rule is adopted, MSA will provide more information as to how MSA hearing protection products are affected. For additional information about these important upcoming changes, see [MSA bulletin #0900-63, EPA Proposed Revisions to Hearing Protection Standard](#) 

proposed NRR label example



Noise Reduction Rating

0 10 20 30 40 50 DECIBELS

18 32

PASSIVE

New hearing protection ratings to appear as high and low numeric ranges instead of current single-number

Brief explanation of attenuation type

References manufacturer's information and product part number


Manufacturer: Anywhere, Country
www.ManufacturerURL.com

MODEL ABC1

Federal law prohibits removal of this label prior to purchase

EPA LABEL REQUIRED BY U.S. E.P.A. REGULATION 40 CFR Part 211, Subpart B

OSHA Issues PPE Standard Final Rule

On September 9, 2009, OSHA issued a Final Rule concerning 29 CFR (Part 1920 and others) that revised personal protective equipment (PPE) requirements for industrial helmets. Based in part on the new ANSI/ISEA Z89.1-2009 Standard, the requirements help classify helmet types by hazards typically encountered by workers. Key features of the Z89.1-2009 standard include updated performance and testing requirements for impact and penetration, new non-mandatory tests including extreme low temperature exposure, reverse donning, and high visibility. The Final Rule became effective on October 9, 2009. 

New Standards for Fall Protection Now Available

Three new ANSI Z359 standards for fall protection are in effect as of November 16, 2009:

ANSI Z359.6-2009: Specification and Design Requirements for Active Fall Protection Systems


ANSI Z359.6-2009 provides fall protection engineers with design code specifications and requirements for custom-engineered fall protection systems. Key features include detailed design requirements for documenting, constructing, and verifying the safety of fall protection systems. Additionally, this standard provides detailed guidelines for calculating minimum clearances, strength requirements, free-standing system load factors, and methods for calculating forces applied to active fall protection systems to help prevent falls.

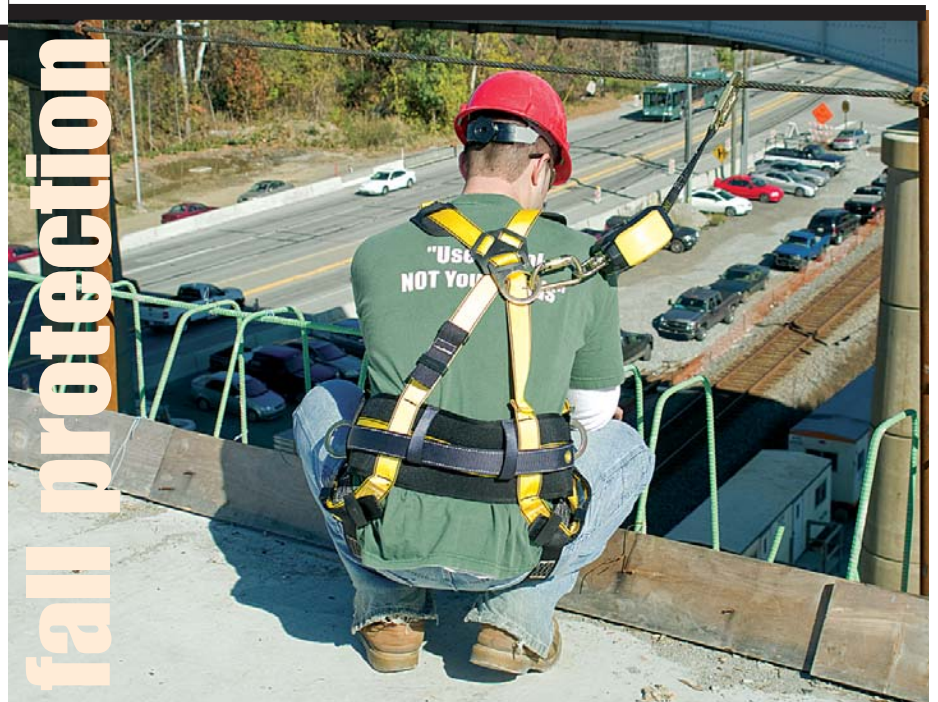
ANSI Z359.12-2009: Connecting Components for Personal Fall Protection Systems

ANSI Z359.12-2009 provides fall protection equipment manufacturers with detailed design and test requirements for component hardware used in full-body harnesses and lanyards. This standard supersedes requirements of the previous Z359.1-2007 standard. ANSI Z359.12-2009 establishes a higher protection level with new requirements for snaphook and carabiner gate minor axis load tests, dynamic load testing following conditioning for abrasion, and UV/ cold temperature exposure. Additionally, this standard requires new product markings for standard compliance, major axis strength, and load ratings.

ANSI Z359.13-2009: Personal Energy Absorbers and Energy-Absorbing Lanyards

ANSI Z359.13-2009 informs fall protection equipment owners and end-users about new design requirements and test criteria. This standard supersedes requirements of the previous Z359.1-2007 standard. New requirements include two classifications for energy absorbers and energy-absorbing lanyards, increases in maximum arrest forces, personal energy absorber extensions, and new marking and instruction requirements. Additionally, this standard provides new test criteria for tie-back and twin-leg energy-absorbing lanyards.

ANSI Z359 standards are voluntary consensus standards and compliance is not mandated by law. Existing ANSI Z359.1-compliant equipment may be used until its end of useful service life. Products manufactured after November 16, 2009 are marked in accordance with these new standards. To view MSA white papers on each standard, visit www.msanet.com. To purchase standards in their entirety from the American Society of Safety Engineers, visit www.asse.org. 



Trade Show Schedule

2010 Exhibit Dates	2010 Show and Location
Jan 19 - 22	SHOT Show; Sands Convention Center; Las Vegas, NV
Jan 17 - 22	Grainger; Disney's Coronado Springs Resort & Convention Center; Lake Buena Vista, FL
Jan 25 - 27	AHR Show; Orange County CC; Orlando, FL
Feb 1 - 2	NYWEA; New York Marriott Marquis Hotel; NY, NY
Feb 2 - 5	WOC (World of Concrete); Las Vegas Conv. Ctr; Las Vegas, NV
Feb 4 - 6	Handy Hardware; Houston, TX
Feb 10 - 13	Thermo Fisher Scientific; Gaylord Opryland CC Ryman Hall C; Nashville, TN
Feb 24 - 26	AUSA Winter; Greater Fort Lauderdale/Broward County Convention Center; Fort Lauderdale, FL
Feb 25 - 27	Orgill; Orlando, FL
Mar 19 - 21	True Value Spring Market; Chicago, IL
April 19 - 24	FDIC (Fire Dept. Instr. Conf.); Indianapolis CC; Indianapolis, IN
May 4 - 6	GSA Expo; Orange County Convention Center; Orlando, FL
May 21 - 23	Fire Expo; PA Farm Show Complex and Expo Center; Harrisburg, PA
May 25 - 27	AIHce (Amer. Ind. Hygiene Conf.); Colorado Convention Center; Denver, CO
June 8 - 10	Global Petroleum Show; Roundup Centre Halls D & E Stampede Park; Calgary, Alberta, CANADA
June 13 - 15	ASSE (Amer. Society of Safety Engrs.); Baltimore CC; Baltimore, MD
July 20 - 25	Firehouse Expo; Baltimore, MD
Aug 12 - 14	Orgill Fall Market; Chicago, IL
Aug 19 - 21	Handy Hardware Fall Market; Houston, TX
Aug 23 - 26	DOD Conference; Hyatt Regency Chigago; Chicago, IL
Aug 27 - 28	FRI (Fire Rescue Int'l); McCormic CC; Chicago, IL
Sept 13 - 15	True Value Fall Market; Las Vegas, NV
Sept 28 - 30	MDM; Quantico, VA MCB
Oct 4 - 6	WEFTEC; Ernest N. Morial Convention Center in New Orleans, LA
Oct 4 - 6	NSC (Nat'l Safety Congress); San Diego CC; San Diego, CA
Oct 23 - 27	IACP; Orange County CC; Orlando, FL
Oct 25 - 27	AUSA Annual; Walter E. Washington Convention Center; Washington, DC





Spotlight on Safety
PO Box 427
Pittsburgh, PA 15230-0427

Change service requested

Safety Products
1.800.MSA.2222

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www.MSAnet.com

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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
Donna Schutte
P.O. Box 427
Pittsburgh, PA 15230

Internet site: www.MSAnet.com
E-mail to: Donna.Schutte@MSAnet.com