

SAFETY PRODUCTS

Company	Products Offered	Product Descriptions
Allsafe Services & Materials Co. www.jpisafety.com 800.428.8185	Nemesis Spectacle	Sleek, sporty style. Soft-touch temples, lightweight construction, and single lens wrap-around protection. Meets ANSI Z87.1+ standards.
	Headturners Safety Caps	Fully dielectric, non-slotted safety cap with 4 pt ratchet suspension. Meets ANSI Z-89.1-2003 standards. Caps to fit your personality including American Flag, American Eagle, NightVision, Mexican Flag, and the Hellraiser.
	Huntsman Solera Auto Darkening Welding Helmet	Two inch by 4.25" Solera auto darkening lens, 3.7" by 1.42" viewing area, shade 10/11. Solar powered dual detector light sensor. Two-year warranty.
	W Series Traffic Cone	Wide-body design with orange base. Flow molded, dayglow red/orange PVC with white inner liner. Made in the USA.
Best Manufacturing Co. www.bestglove.com 800.241.0323	The Sarge™	An oil-absorbing, metal handling and special duty glove. Its core gives workers cut protection with a special patented wrapping process using synthetic fibers. The Sarge™ has an all-leather palm that is also double-stitched with high-strength yarn for durability, form-fitting comfort, and superior feel. Available in the following sizes: XS, S, M, LG, and XL.
CAI Safety Systems www.caisafety.com 951.272.6999	Fall Protection Site Survey	Site surveys conducted by knowledgeable and experienced people who can state the hazards, note your work procedure, and provide options for fall protection. Emphasis on maintaining safety and productivity.
	Horizontal Lifelines and Anchor Points	OSHA-compliant fixed and mobile fall protection systems including custom design, fabrication, installation, and training.
	Portable Guardrail Systems	OSHA-compliant non-penetrating portable guardrail system ideal for fall protection applications such as working around roof edges, skylights, roof hatches, and HVAC equipment.
	Fall Protection Training	Fall protection training conducted on site. Courses range from "Basic Fall Protection Awareness" to "Train the Trainer" courses taught by knowledgeable and experienced trainers. Training also available in Spanish.
The Connector, LLC www.SteelErectionSafety.com 813.765.4225	The Connector	A self-contained hydraulic, motor-driven "below-the-hook" lifting apparatus for transporting structural steel to bolt-up location. Device eliminates need for removal of chokers/slings from suspended steel, reducing worker risk and increasing erector productivity.
DBI/SALA and Protecta www.dbisala.com 800.328.6146	Harnesses	Fall protection harnesses with thousands of configurations and styles available: ExoFit™ XP for ultimate comfort, Delta No-Tangle™ for quality and reliability, and Protecta for fundamental protection.
	Lanyards	Fall arrest, restraint, and positioning lanyards: EZ-Stop® and ShockWave™ shock absorbing lanyards, rope and web restraint lanyards, and chain rebar positioning lanyards.
	Self-Retracting Lifelines	Fall arrest SRLs available in wide range of styles and lengths from 8' to 200'. Extend and automatically retract to fit the work area, and limit fall arrest forces to 900 lb or less.
	Horizontal Lifeline Systems	A wide range of HLL systems to suit site-specific needs. Systems for steel and concrete in lengths from 20' to 60' and unlimited with intermediates.
Dennington Safety Gear, Inc. a division of LDL United Union www.denningtonsafetygear.com www.ldlunitedunion.com 318.635.5454	Tradesman Safety Harness	Includes a state-of-the-art shock absorbing system, lanyard, and harness as one integral unit. Includes back support system, tool belt, and side positioning D-rings.
	Universal Standard Safety Harness	Includes state-of-the-art shock absorbing system, lanyard, and harness as one integral unit. Used in the maintenance industry where a tool belt is not required.
	Tower Climbers Safety Harness	Includes state-of-the-art shock absorbing system, lanyard, and harness as one integral unit. Includes crossover design with chest D-ring and extra-wide bottom strap.
	Crossover Safety Harness	Includes the state-of-the-art shock absorbing system, lanyard and harness as one integral unit. Made like a standard harness with the crossover design. An excellent design for women.
FallProof Networks, LLC www.fallproofnetworks.com 800.452.0222	Solutions for OSHA Fall Protection Requirements Compliance	FallProof Networks provides solutions for compliance with OSHA's fall protection requirements, including workplace fall-protection audits, turnkey fall protection systems installations, fall protection anchors evaluation and reinforcement, horizontal lifeline installation and certification, ladder and ladder-climbing system installations, fall protection and debris netting installations, guardrail and barrier design and installations, OSHA-compliant fall protection training, and fall protection equipment inspection and re-certification. FallSafe can quote you on your compliance and employee safety at height requirements.
Glove Guard, LP www.gloveguard.com 281.426.2714	Glove Guard and Utility Guard™	Glove Guard and Utility Guard™ reduce hand injuries by keeping work gloves available to workers at all times. They also help reduce glove replacement costs. Safety features include non-conductive material, resistant to flex fatigue, and a center breakaway feature. In some companies, the Glove Guard has become as common as hard hats and safety glasses with recordable hand injuries dropping by as much as 86%. Fits PPE and VPP safety programs. Standard safety slogans or custom imprinting available. Comes in yellow, blaze orange, red, green, blue, granite, black, and olive green. Made in the USA.

products

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Hirschmann Automation and Control www.hirschmann-usa.com 717.263.7655	PRS 80 EZ Crane Operator Aid	The PRS 80 EZ wireless indicator for mobile cranes monitors up to seven sensors at one time. Pre-set limits can be set on all sensors with audible/visual warning when limits are reached.
Intl. Safety Equipment Assoc. www.safetysite.org 703.525.1695	Safety Equipment Trade Assoc.	The trade association for companies that make equipment to protect the safety and health of people who are doing work. Members' products include hardhats, safety eyewear, hearing protectors, work gloves and shoes, respirators, fall protection, high-visibility and protective apparel, first aid kits, emergency eyewashes and showers, gas-detection instruments, and warning devices. ISEA's staff works to increase use and awareness of safety equipment through various publications and other communications tools. Key to this effort are performance standards recognized by the American National Standards Institute (ANSI). Voluntary, consensus ANSI standards developed by ISEA help users select safety equipment that is designed to meet their needs and expectations. ISEA also works with other organizations to promote safer, healthier workplaces through the use of safety equipment.
J.J. Keller & Associates, Inc. www.jjkeller.com/jjk 800.327.6868	Keller's Official OSHA Construction Safety Handbook	<i>Keller's Official OSHA Construction Safety Handbook</i> delivers important safety messages on 21 key construction safety topics including fall protection, scaffolding, job site exposure; slips, trips and falls, and more.
	Construction Regulatory Guide	The <i>Construction Regulatory Guide</i> provides over 1,000 pages of up-to-date Part 1926 and applicable 1910 regulations in one easy-to-read source. Tab-divided by subject for quick and easy reference.
	Fall Protection for Construction Training Program	The <i>Fall Protection for Construction</i> training program video simplifies training on OSHA's general fall protection requirements, steel erection fall protection, fall protection for tower erectors, and ladder and scaffold safety.
Miller Fall Protection a Bacou-Dalloz company www.bacou-dalloz.com 800.873.5242	Black Rhino™ Self-Retracting Lifeline	This 9' stainless steel, wire rope self-retracting lifeline is designed for use in steel and welding construction applications. Available with a variety of anchorage connectors. Requires no annual factory certification.
	Revolution™ Safety Harness	A totally new concept in full-body harness design. It incorporates features developed to meet key, user-identified needs—comfort, fit, durability, compliance, flexibility, and convenience.
	Falcon™ Self-Retracting Lifeline	Falcon™ self-retracting lifelines set a new standard as the lightest, strongest, and most indestructible retractable lifelines on the market today. Available in 20', 30', 50' and 65' lengths.
	ShadowLite™ Beam Anchor	Connects horizontally to a wide range of I and H beam flanges, from 3" to 24" wide and up to 2-1/2" thick. The unit slides along the beam with the worker, providing increased safety and mobility.
Nets That Work www.netsthatwork.net 800.USA.NETS	Horizontal Protective Nets	Nets stick out 15' from building and can catch 350 lb falling two floors. The system is used to protect pedestrians from debris.
PearlWeave Safety Netting Corp. www.pearlweave.com 800.276.5113	Vertical and Horizontal Netting, Debris Containment Netting, Personnel Nets, and Guardrail Netting	Stock and custom-size nets for vertical and horizontal applications. Nets can be made to accommodate loads from 1,250 foot-pounds, to in excess of 17,500 foot-pounds. Our nets are tested in accordance with ANSI standards and will meet or exceed OSHA requirements, for both personnel and debris. Our vertical netting, when attached to a compliant top rail and installed per our recommendations, will meet or exceed OSHA guardrail requirements for personnel fall protection and serves as a visual/debris barrier. Strong enough for reuse, FR, UV stabilized, lightweight, resists chemicals and mildew, and can be cut with a utility knife for sizing.
Preferred Safety Products, Inc. www.preferredsafety.com 800.301.3188	Personal Protective Equipment	Complete line of full body harnesses for all trades. Customization available. Single and double lanyards with a variety of leg material and snaps. Retractable lanyards, hardhats, safety vests, and glasses.
	Anchor Points	Wide variety of anchor points for all trades, meeting applicable OSHA standards.
	Horizontal Lifelines	Horizontal lifelines for structural steel and metal building erection. Light-weight, economical, easily assembled, and user-friendly.
	Custom Fall Protection and Consulting	Custom consulting, design, and installation, if needed, of fall protection where "off the shelf" products cannot apply.
Ropelink Ltd. www.ropelink.com 212.295.2122	Solutions, Inspection, NDT, and Maintenance at High and Difficult Access Locations	Innovative and cost-effective access solutions that are a viable alternative to conventional access means like snadders, platforms, and scaffolding. Ropelink's team of technicians can mobilize, perform the scope of work, and demobilize from the site, with minimal impact on the operation of the structure and adjacent sites. This method of access and work at heights is applicable to building, stadium, special structure, bridge, petrochemical refinery, dam, and geotechnical sites.
Safway Services, Inc. www.safway.com 262.523.6580	Scaffold and Scaffold Services	Safway Services, Inc. offers contractors scaffold and scaffold services including: rental, sales, scaffold training, project management, and scaffold safety tips. Safway offers a large selection of scaffold training materials on various media vehicles such as video tapes, CDs, web-based training, on-location seminars (including hands-on), and printed safety guidelines for every type of scaffold. Safway has a Scaffold Training University, located in Milwaukee, where more than 27,000 customers, employees, and competitors have received training.

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Sellstrom Manufacturing Co. www.sellstrom.com 847.358.2000	Safety Equipment Products	More than 2,500 safety equipment products, including goggles, protective eyewear, welding helmets and accessories, auto-darkening filters, respiratory equipment, emergency eyewash and shower units, hard hats, face shields, fall-protection, and more. The DP4 Faceshield combination of the clear window with flip-down Shade 5 IR window provides uninterrupted protection for grinding, cutting, and brazing. Other models include a full-face clear window for grinding operations, Shade 3 IR window for cutting operations, and Shade 5 IR window for cutting and brazing operations. Delivers comfortable protection with ease on the neck and head. Meets ANSI Z87.1 Standards and is CUL Certified to meet CAN/CSA-Z94.3 Standards. Comes with a two-year warranty.
Sound Seal www.soundseal.com 413.789.1770	Barricade Noise Control Products	Industrial noise control: curtains, enclosures, pipe and duct lagging.
The Lincoln Electric Company www.lincolnelectric.com 216.481.8100	Ultrashade Welding Helmets	Auto-darkening Ultrashade welding helmets offer a sleek design with graphics that allow welding operators to sport a great look without sacrificing quality or safety. Auto-darkening helmets eliminate the need to lift or lower the helmet at the start or stop of the weld. As a welding arc is detected, these helmets automatically darken to the correct level of shade protection within a fraction of milliseconds.
Wells Lamont Industry Group www.wellslamontindustry.com 847.647.8200	Safety Gloves	General purpose, cut-resistant, leather, terry/heat-resistant safety gloves. A leading manufacturer in the glove industry for almost a century, Wells Lamont is dedicated to creating a superior product that offers durable yet comfortable hand protection.

product case study

Coatings Products: International Paint, LLC—Shore Line East Commuter Rail Stations, Conn.

AISC MEMBER KING FABRICATION, LLC WON THE CONTRACT IN 2003 TO FABRICATE THE STRUCTURAL STEEL FOR THREE SHORE LINE EAST COMMUTER RAIL STATIONS IN CONNECTICUT. The project required 225 tons of architecturally exposed steel to be fabricated and coated for the canopy framework, pedestrian bridges, stairs, handrails, and platforms.

The architect specified colors in varying shades of gray, blue, white, and green—but they had been chosen from two different manufacturers' palettes. King Fabrication turned to International Paint, LLC for help, and asked them to duplicate exact color specifications for each color without the benefit of seeing either of the manufacturer's samples.

International Paint's research and development team had to create new colors, with a stepped color sample and standardized number for each to demonstrate how it would look during each phase of the application process.

According to Ella Miller, assistant manager of King Fabrication, International Paint successfully met the challenge without delaying the construction schedule. "The amazing thing was that we only had to submit the color samples one time to the architect for approval."

King Fabrication cleaned, ground, and sanded the architecturally exposed steel prior to coating and between each finish. The three-coat system was applied by SSPC-SP6 blast and airless spray, and included Intergard 251, an anti-corrosive epoxy primer; Intergard 345, an epoxy primer finish; and Interthane 990, for the polyurethane finish.

International Paint is a division of Azco Nobel. The company provides a range of high-performance protective coatings for structural steel, as well as coatings for the marine, yacht, and aerospace industries. For more information, please visit www.international-coatings.com.

—By Vicki Schauer, International Paint, LLC



AISC member King Fabrication, LLC applied the three-coat system for the stations' architecturally exposed steel in its Houston fabrication facility. International Paint, LLC created the colors and provided the coatings for the project.