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Saf-T-Gard Offers Arc Flash & Electrical Safety Solutions for Industry


Every workplace today operates on electricity, so workplace arc flash and electrical injuries are a real threat in any location - especially in industrial environments that require a lot of power for machinery, tools, and systems. Within the trade industry, machinists, builders and other workers are surrounded by potential arc flash and electrical hazards in their day-to-day role, including poorly installed, faulty and/or ill-maintained electrical equipment, faulty wiring, overloaded or overheated outlets, use of flexible leads and extension cables and incorrect use of replacement fuses while performing electrical panel and breaker room maintenance, plant shutdowns, energized equipment repair

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Saf-tgard.com makes it easier than ever for visitors to find exactly what they are looking for by utilizing a guided navigation layout with a fully-optimized "smart" search engine. The responsive design enables use and access to more than 6,000 products with enhanced product content and imagery on your PC, smart phone, or tablet.

Moreover, existing Saf-T-Gard customers can link their account to a new Saf-tgard.com web login to review ALL past orders and invoices, create a "wish list" of favorite items, save carts to simplify the ordering/reordering process and so much more! Buyers without an existing Saf-T-Gard account can register for one online, or they can still search, browse and order on Saf-tgard.com without a Saf-T-Gard account.

We invite you to spend a few minutes at Saf-tgard.com, and if you haven't already, please register for an account to enable online ordering.

Click [here](#) for a shortcut to the registration page, and click [here](#) for detailed instructions on how to link your Saf-T-Gard account to a Saf-tgard.com web login.

Visit with Saf-T-Gard

EEI (Edison Electric Institute) Spring

and facility electrical work. Keeping your workers safe when working on or around electricity is crucial. Help prevent on-the-job arc flash and electrical injuries by choosing and using the right personal protective equipment for the task. As a leading manufacturer and distributor of rubber insulating products, arc flash safety clothing and kits, grounding equipment and testing services, the **Saf-T-Gard® Voltgard® Electrical Safety Division** is dedicated to serving industries where worker safety and protection from arc flash and electrical current are critically important. Our comprehensive selection of arc flash and electrical safety products meet or exceed ANSI and NFPA standards, are available in various materials, classes, colors, calorie ratings and sizes and include the following:

- **Arc Flash Protective Equipment** - Face shields, headgear, jackets, overalls, coveralls, arc suppression blankets, insulated rescue hooks, static discharge sticks and voltage detectors.
- **Rubber Insulating Products** - Gloves, sleeves, blankets, line hose, and related cover-up products.
- **Accessories for Live Line Workers** - Glove liners, carrying bags for arc safety equipment, dielectric footwear, leather protector gloves, insulated tools and glove powder.

When your workers' lives are at stake, don't trust just anyone with their safety. Saf-T-Gard is uniquely qualified to work with your facility and keep your employees safe while meeting all applicable industry standards with our

Voltgard® Electrical Safety Division. Experience is paramount, and the **Voltgard®** team has more than 100 combined years of safety expertise with trained professionals including voting members of ASTM Committee F18 on Electrical Protective Equipment for Workers. Now in its 5th decade of operations, the

Voltgard® Electrical Safety Division has established its reputation as the premier, single-source provider of superior electrical safety products and services across all industries.

Click [here](#) to check out our best-in-class selection of **Arc Flash & Electrical Safety Products** and click [here](#) to learn more about our **Voltgard® Electrical Testing Services**. No one else offers the **Voltgard®** level of service!

Do You Know About the ANSI Z359.14 Self-Retracting Devices Standard Update?



This blog article was originally published on the 3M Safety Now & Next blog on March 16, 2022, and can be viewed [here](#). It is republished with permission.

NEW: ASSP has announced that the ANSI/ASSP Z359.14-2021 standard for Self-Retracting Devices used in personal fall arrest systems, currently published with an effectivity date of February 01, 2023, has recently been granted a new effectivity date of **August 01, 2023**. Official information is expected to be published in the form of an addendum or a revision of the ANSI/ASSP Z359.14-2021 standard document.

Did you know that on June 17, 2021, the American National Standard for the Safety Requirements for Self-Retracting Devices (SRDs) was approved with an effective date of February 1, 2023? Yes, this happened. Now, what does this mean? Let's learn more about what changes

Occupational Safety & Health Committee Conference - Sunday, April 23, 2023, from 6:00 p.m. to 8:00 p.m., Monday, April 24, 2023, from 8:00 a.m. to 6:00 p.m. and Tuesday, April 25, 2023, from 8:00 a.m. to 3:30 p.m., Royal Sonesta, New Orleans, LA, Booth #TBD

IP Utility Safety Conference & Expo - Wednesday, May 9, 2023, from 9:00 a.m. to 2:00 p.m. and Thursday, May 10, 2023, from 8:45 a.m. to 2:00 p.m., Renaissance Schaumburg Convention Center Hotel, Schaumburg, IL, Booth #311

NECA Safety Professionals Conference - Wednesday, May 24, 2023, from 5:00 p.m. to 6:45 p.m. and Thursday, May 25, 2023, from 9:15 a.m. to 10:15 a.m. and from 5:00 p.m. to 6:45 p.m., Renaissance Nashville Hotel, Nashville, TN, Booth #216 and #218

Chicagoland Safety, Health & Environmental Conference - Wednesday, September 20, 2023, from 10:00 a.m. to 6:00 p.m., Northern Illinois University (Naperville Campus), Naperville, IL, Booth #TBD

The Utility Expo - Tuesday, September 26, 2023, from 8:30 a.m. to 5:00 p.m. (Eastern Time), Wednesday, September 27, 2023, from 8:30 a.m. to 5:00 p.m. (Eastern Time) and Thursday, September 28, 2023, from 8:00 a.m. to 2:00 p.m. (Eastern Time), Kentucky Exposition Center, Louisville, KY, Booth #S4351

Five Safety Tips



1. WHAT A SIGHT! - The ANSI-ISEA 107 standard focuses on hazards associated with low visibility on the outdoor jobsite, so be sure to choose the proper class traffic safety vest for the application.

2. WE'LL DRINK TO THAT - The body absorbs electrolyte fluid beverages (like **Sqwincher®**) several

manufacturers will have to make for self-retracting devices (SRDs) on fall protection.

After February 1, 2023, SRD manufacturers will be required to conform to this latest revision of the ANSI/ASSP Z359.14 standard document. The requirements of this revised standard supersede any corresponding requirements in ANSI/ASSP Z359.14-2014, ANSI/ASSP Z359.1, ANSI/ASSP Z359.3, and ANSI/ASSP Z359.4 American National Standards.

All SRD products manufactured after February 1, 2023, and claiming compliance to ANSI/ASSP Z359.14-2021 will be required to conform to the most current revision of the document. Products manufactured to previous revisions of the ANSI Z359.14 standard may continue to be used as long as the product continues to meet the inspection requirements as defined by the manufacturer, conducted at the recommended intervals by a **Competent Person**.

We encourage you to check out our summary of these changes by [reading the full technical bulletin](#) and to read the official ANSI/ASSP Z359.14-2021 document in its entirety.

The purpose of this thorough **technical bulletin** is to help educate employers, safety personnel, system designers and equipment users with the most current product performance requirements applicable to their personal fall arrest systems and equipment. This standard applies to all SRDs used in occupations requiring personal protection against falls from heights and, if required, shall allow for the specialized functions of travel restraint, rescue and or retrieval.

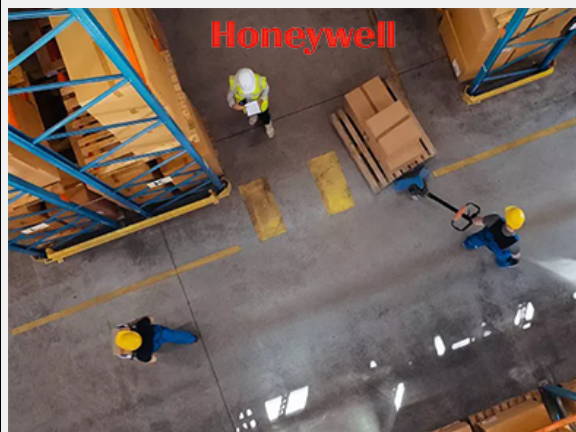
The technical bulletin offers a history of the standard as well as a review of the changes from the previous 2014 edition to the revised 2021 version. This includes updates as well as new additions to the ANSI/ASSP Z359.14 standard that you should familiarize yourself with so you know which **fall protection SRD devices** to purchase for your workers.

We encourage you to [save the link to this technical bulletin](#) for reference.

If you have any additional questions or concerns regarding the information presented in this update or need help selecting appropriate fall protection equipment, please contact Saf-T-Gard.

Saf-T-Gard offers a comprehensive line of **3M™ DBI SALA®** fall protection products, including harnesses, self-retracting lifelines, lanyards, anchorage points, tool lanyards and hooks, fall protection accessories and so much more! Click [here](#) to shop them online or call customer service at **1-800-548-GARD (4273)** today for more information or to place an order.

The Most Common Causes of Warehouse Injuries and How to Prevent Them



Warehouses, distribution centers (DCs) and fulfillment centers are busy places - even more so with the exponential growth of eCommerce in recent years. Not only are hundreds of people moving around loading,

times faster than water alone.

3. REAL KICK BACK STUFF - Protective footwear can now be selected for specific chemical protection, durability, steel toe protection, and slip-resistant safety soles.

4. JACK AND JILL WENT UP THE HILL - And we are sure they were wearing fall protection equipment.

5. GOIN' TO THE MAT - Anti-fatigue matting combines safety with comfort to enhance worker productivity.

QUESTIONS Q&A ANSWERS



Question - What personal protective equipment (PPE) is required to be in compliance with the requirements for working within the minimum approach distances (MADs) of underground pad-mount transformers? Are both insulating gloves and insulating sleeves required?

Answer - The requirements for working within the MADs of underground lines and transformers are the same as when working within the MADs of overhead lines. Paragraph 1910.269(l) addresses working on or near exposed energized parts; it is not limited to overhead lines. This paragraph does not differentiate based on the nature of the component (line versus equipment), nor does it differentiate on the basis of the location of the energized part (overhead versus underground). Therefore, the requirements found in 1910.269(l) apply regardless of the location or the nature of the exposed energized part(s), including those that require electrical protective equipment.

Regarding your question on the use of gloves and

unloading, picking and putting away, but increasingly **technology** is on-the-move as well. Autonomous mobile robots (AMRs) are moving through the aisles carrying replenishment containers. Forklifts are transporting pallets. Sortation and conveyance systems are moving boxes around rapidly and sending them to the right place. And automated storage and retrieval systems (AS/RS) are bringing goods to the people who are helping fulfill orders and pack boxes. **People** play a pivotal role in maintaining these technologies, cleaning and making repairs at the large DC facilities and managing unplanned events that crop up throughout the day.

With all of this going on, there are bound to be injuries on the job. Because the warehousing sector is so large - employing more than 2 million people in the U.S. alone¹ - the cost of these injuries is high. Liberty Mutual Insurance's 2021 Workplace Safety Index found that the top five causes of injury - represent nearly 75 percent of all injuries in the transportation and warehousing sector - account for more than \$3.9 billion in costs each year.²

The top five causes of injury

What are those top five injury causes? In the TLW space, **overexertion comes first** from performing duties like handling heavy objects. Overexertion is the culprit for nearly 30% of all transportation and warehousing injuries and most commonly results in sprains or strains to the back and shoulders. **Falls on the same level are the next most prevalent** cause of injury, representing 16.4% of all TLW injuries.² Given that warehouses are such huge places - some of the largest in the U.S. range from half a million to more than five million square feet - workers there regularly walk long distances.³ Some estimate that pickers can walk up to 12 miles each shift!⁴ Taking that many steps undoubtedly increases the risk of falling.

The remainder of the top five warehousing injury causes include:

- **Injuries from awkward postures - 11.3%**
- **Roadway incidents like delivery truck crashes - 9.4%**
- **Falls to a lower level - 8%⁵**

Hearing, hand, and other injury risks

In addition to these top five hazards, other factors in the warehouse like **loud noises leading to hearing impairment and cuts and crushing injuries to the hands** present risks. The U.S. Centers for Disease Control and Prevention (CDC) found that 40% of all Transportation and Warehousing workers have been exposed to hazardous noise, roughly 13% have hearing difficulty and 7% have tinnitus or a ringing/buzzing noise in one or both ears. Despite these numbers, 59% of noise-exposed TLW workers report not wearing hearing protection.⁶

Further, Occupational Health & Safety reports that warehouse workers are one of the top five highest-risk groups for sustaining work-related hand injuries (along with those in manufacturing, construction and restaurant work).⁷ Hand injuries can occur when operating DC equipment or from repetitive motions.

While the U.S. Occupational Safety and Health Administration (OSHA) estimates that **forklift injuries** make up only about 1% of warehouse accidents⁸, they can result in serious consequences: the latest estimates from the U.S. Bureau of Labor and Statistics show approximately 20,000 serious injuries and 100 deaths per year in the U.S. related to a forklift.⁹ These typically involve the forklift overturning, falling from a forklift and pallets slipping from the rack onto passing workers or the forklift operator.

Injury prevention

A combination of proper training, creating a **culture of safety** from the top down and using appropriate personal

sleeves, 1910.269(l)(2)(i) allows for employees to work within the MADs of energized parts if they are wearing insulating gloves and insulating sleeves in accordance with 1910.269(l)(3). Paragraph 1910.269(l)(3) requires that, if employees are insulated from the energized parts through the use of insulating gloves, then insulating sleeves are also required with two exceptions. There are two conditions noted in 1910.269(l)(3)(i) and 1910.269(l)(3)(ii) that would allow an employee to use insulating gloves without the use of insulating sleeves: 1) if exposed energized parts on which work is not being performed are insulated from the employee; and 2) if such insulation is placed from a position not exposing the employee's upper arm to contact with other energized parts.

Saf-T-Gard Spotlight



Julio Bataz is a Dielectric Rubber Goods Lab Technician and has been with Saf-T-Gard's

Voltgard® Test Lab for more than 20 years.

What Julio likes about Saf-T-Gard:

"I like the people in customer service and the people that I work with."

What makes Julio's day:

"Well, I like working together as a group."

Julio's outside interests are:

"Staying with my wife and my little daughter."

Anything else:

"I really like watching sports."



protective equipment (PPE) all help contribute to making the warehouse and DC a safer environment for the critical workers who keep the engine of retail and eCommerce running. OSHA's [page](#) dedicated to warehousing provides helpful resources across a number of safety areas encountered in a DC setting, from ergonomics and musculoskeletal disorders to forklifts, trips and falls, hazardous chemicals, electrical hazards, heat stress, automation and robotics, cold storage and fatigue. Here you can find guidelines for operating a forklift (29 CFR 1910.178), fall protection standards, materials handling and storage guidance (OSHA 2236, 2002 revised) and more.

A best practice for preventing injury is wearing high-quality PPE fit for the strenuous DC setting. To determine what types of PPE warehouse and DC workers should wear, OSHA requires companies to perform continuous hazard assessments.¹⁰

Saf-T-Gard offers a full line of [Honeywell safety products](#), including hard hats, gloves, hearing protection, safety glasses, eye wash and harnesses, all key to working safely in a busy warehouse. Click [here](#) to shop them online or call customer service at **1-800-548-GARD (4273)** today for more information or to place an order.

Be Prepared for Heat-Related Work Emergencies with First Aid Only® Heat Stress Essentials from Saf-T-Gard



OSHA launched an indoor and outdoor heat-related hazards enforcement program on April 8, 2022, to increase OSHA inspections in over 70 indoor and outdoor high-risk industries.

According to the National Weather Service, heat is the most dangerous weather condition. Extreme heat is more deadly than natural disasters, hurricanes, tornadoes, earthquakes, and floods combined! Heat stress injuries are preventable with the right preparation and best practices.

Heat Illness Can Be Deadly

According to the CDC 2004-2018, there are more than 700 heat-related deaths a year.

What are the Dangers?

- Heat stroke
- Heat exhaustion
- Heat rash
- Heat cramps
- Muscle breakdown
- Heat syncope

Employers Must Protect Workers from Excessive Heat Injuries

Under OSHA law, employers are responsible for providing workplaces free of known safety hazards. This includes protecting workers from extreme heat. Working in full sunlight can increase heat index values by 15 degrees Fahrenheit. Keep this in mind and plan additional precautions for working in these dangerous conditions.

How Can You Prepare?

Saf-T-Gard carries a comprehensive selection of [First Aid Only®](#) products to keep you safe and productive when the



How does OSHA enforce the use of flame-resistant clothing in a setting such as a petrochemical plant covered by OSHA standard 29 CFR §1910.119, Process safety management for highly hazardous chemicals (PSM)?

"It has been recognized as industry practice in the chemical and refining industries to require flame-resistant clothing where there exists a danger of flash fire/burns from accidental releases. National Fire Protection Association (NFPA) 2113, Standard on Selection, Care, Use and Maintenance of Flame-Resistant Garments for Protection of Industrial Personnel against Flash Fire is a national consensus standard which applies to, among others, chemical, refining, and terminal facilities with flash fire hazards. Among other standards, NFPA 2113 has requirements for when flame-resistant garments/flame-resistant clothing must be used by industrial personnel exposed to flash fire hazards.

Based on the large quantity of flammable materials (liquids, solids, and gasses) and reactive chemicals that are handled/processed with associated on-site movement activities at such a facility, OSHA believes any worksite assessment required by OSHA or NFPA 2113 would conclude that: 1) flash fire hazards do exist on a continuous basis in various areas (including but not limited to operating, storage, loading/off-loading, etc.) at your facility; and 2) when employees such as operators and maintenance personnel are in the areas where flash fire hazards exist, the employees must wear flame-resistant garments/flame-resistant clothing to protect against the flash fire hazards."

heat is on, including cold packs, including snake bite kits, splinter and tick removal kits, insect repellent, sunscreen, poison oak and ivy treatment, itch, and sting relief and more. Click [here](#) to shop them online, or call customer service at **1-800-548-GARD (4273)** for more information or to place an order.

Important Information Regarding the ZOLL® AED Plus® and Duracell® Batteries



ZOLL® continues to recommend Duracell® Coppertop CR123-style batteries (DL123ABKM) batteries for use with the **AED Plus®**. However, it is important to note that Duracell® now manufactures Coppertop batteries in the U.S. and China. While the batteries may look similar, they do perform differently. To ensure optimum power longevity with the **AED Plus®**, customers should use only batteries manufactured in the U.S. Batteries produced in the U.S. include "Made in USA" on the battery cell label. Batteries produced in China are labeled "Made in China".

Frequently Asked Questions (FAQ)

- Why can't **AED Plus®** use any CR123 batteries?
 - It is possible for batteries made in China to have a different chemical makeup from the ones made in the U.S. Duracell® CR123 batteries manufactured in the U.S. have been validated by **ZOLL®** and one of the approved batteries listed in their device Admin Guide.
 - How can I tell if my battery is the right battery?
 - Please see the image with highlighted "Made in USA"

ZOLL® only distributes Duracell® batteries "Made in USA". Customers are encouraged to purchase replacement

Duracell® batteries from distributors such as Saf-T-Gard. Or, verify that product is made in the USA when sourcing the product locally.

**Watch the FREE Moldex Hearing
Protection in Industrial Manufacturing
Webinar ON DEMAND**

As I See It



It is March 2023 and this month we'll focus on predictability and risk. There is comfort in predictability. As Annie sang in the musical, "The sun is going to come out tomorrow." That's predictability. You don't have to worry about it - it's just going to happen.

Predictability is knowing that when there's a power outage caused by weather or other disasters, the PPE and electrical safety equipment that you need will be there whenever and wherever you need it.

Predictability is knowing that your scheduled weekly or monthly shipment of industrial safety products and personal protective equipment will be there when you expect it.

Predictability is knowing that your safety products will consistently perform as expected so you and your team can return home safely after work. Predictability is knowing that the world-class producers of the PPE and industrial safety products supplied by Saf-T-Gard are constantly developing new and innovative solutions to the challenges of today's AND tomorrow's work environments.

Risk is the opposite of predictability, and that is why so many companies have a risk manager as part of the executive team. Risk is not knowing with total certainty what is going to happen or what could happen and then taking action to minimize that risk.

Risk is selecting PPE based solely on a low price and pretty picture without fully evaluating the true cost per working hour as well as the soft costs involved in issuing and tracking the use of PPE.

Risk is buying from a seller whose safety experience is measured in weeks and

Hearing Protection in Industrial Manufacturing

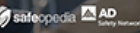
FREE WEBINAR
ON DEMAND

WATCH NOW

Construction workers are often exposed to loud and prolonged noise, which can lead to hearing loss and other health complications. In this presentation, Moldex will discuss the hazards of noise exposure on the construction job site and provide practical tips for selecting appropriate hearing protection and other reminders to help safeguard your hearing.

Additional topics covered include the different types of noise hazards that construction workers may encounter, including heavy equipment, power tools, and other sources of loud noise. Moldex will also provide an overview of the types of hearing protection available, and how to select the right protection for your job site and individual needs.

Watch Now



MOLDEx

months instead of years and decades.

Together we can work with your team to enhance predictability and minimize risk. Want to know more? There's no risk in challenging us to prove ourselves. That's what makes us unique because we are Saf-T-Gard International - ***Bringing Workers Home Safely Since 1936.***

Sincerely,
Richard A. Rivkin, Saf-T-Gard CEO and Chairman of the Board

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Saf-T-Gard is a major manufacturer, distributor, importer and exporter of safety solutions for industry since 1936.

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