



SAF-T-GARD
International, Inc.



DELIVERING
**WORKER SAFETY
SOLUTIONS**
for more than 85 years

Saf-T-Gard Celebrates Our 85th (+2) Anniversary



2021 marked the 85th anniversary for **Saf-T-Gard International, Inc.** However, with the outbreak of COVID-19 affecting the lives and livelihoods of everyone, Saf-T-Gard waited until 2023 to gather for a proper celebration.

Since our establishment in 1936, Saf-T-Gard has enabled on-the-job safety, compliance and peace of mind for hundreds of thousands of workers and their families by delivering superior safety products and solutions that protect against work-related hazards and prevent serious injuries.

Saf-T-Gard has grown significantly since its humble, two-person factory loft beginnings. Founded as Latex Glove Manufacturing Company by Leo and Lillian Rivkin, the company began its operations in Chicago when the Rivkins acquired equipment from a balloon company and used it to produce waterproof, rubber-coated cotton gloves. They purchased cotton gloves, dipped them in the latex rubber tanks, let them dry overnight, and sold them the next day. In the 1940s, as Chicago manufacturers geared up to support the American war efforts, Latex Glove Company expanded its product offering as a full-line industrial glove distributor.

The focus on occupational safety and health in the 1960s and 1970s led to an increased emphasis on providing a full line of personal protective equipment. As such, Latex Glove Company began supplementing its legacy of hand protection with industrial safety products from global suppliers, including protective eyewear, respirators, hard hats, protective clothing and footwear, and first aid kits and

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SAF-T-BLOG



Did you know Saf-T-Gard has a blog on our website, which we post new articles to every three weeks? Authored by subject matter experts including Richard A. Rivkin, Saf-T-Gard President and Chairman of the Board, and the world's leading safety manufacturers, the blog topics range from hazard identification, regulatory standards, and the latest technologies and innovations in safety to help safety managers, workers and business owners across all industries stay informed, make better decisions and work more efficiently. Whatever safety challenge you face, count on Saf-T-Gard to deliver trusted advice backed by more than 85 years of service.

Click [here](#) to browse and read our current selection of blog articles and click [here](#) to subscribe to our blog on LinkedIn to be automatically notified when new articles are posted.

Do you have a topic that you would like to see explored in a blog article? Please e-mail LSeminara@saf-tgard.com.

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supplies to meet OSHA's requirements. In 1979, Latex Glove Company purchased a larger industrial building in Northbrook, Illinois, to position the company for further growth and better customer service.

In the early 1980s, the **Voltgard®** project was launched as a small test lab with the mission to develop the electrical testing and utility industry business by providing the testing of rubber insulating products to complement the sales of new products. Saf-T-Gard's **Voltgard® Test Lab** has grown to be the largest, independent, NAIL4PET-accredited test lab for rubber insulating products in the United States and offers complete retesting and certification of rubber gloves, sleeves, blankets, line hose, covers, dielectric footwear, jumper cables, grounding sets, plastic guards, hot sticks, matting, hoods and hand tools – all to applicable standards. Moreover, the **Voltgard® Test Lab** developed the **Original Rubber Goods Change-Out Program®** – the industry's first managed rubber goods change-out program designed to minimize out-of-service time and save money by offering customers complete solutions from start to finish. No other test lab offers the **Voltgard®** level of service. Having experienced significant business growth, Saf-T-Gard moved to its current location on Huehl Road in 1986. The new building was nearly double in size with plenty of room for even greater expansion.

By 1989, the company's direction as a full-line, quality-oriented supplier of safety products was clear, and therefore, Latex Glove Company changed its name to Saf-T-Gard International, Inc. to reflect its dedication to a complete line of worker safety products and personal protective equipment. Today, Saf-T-Gard offers tens of thousands of products spanning the full range of personal protective equipment and facility safety from the **world's leading manufacturers** in addition to **Saf-T-Gard's exclusive brands**. Saf-T-Gard serves customers in all 50 states and in more than 50 countries around the world. The company has received numerous awards, including Illinois Family Business of the Year, United States Department of Commerce President's "E" Award for Export Excellence, AD Safety Network Gold Star Distributor Award, and AD Safety Network Peak Performance Distributor Award. Saf-T-Gard is an active member of the National Safety Council (NSC), the International Safety Equipment Association (ISEA), the North American Meat Institute (NAMI) Worker Safety Committee, the North American Independent Laboratories for Protective Equipment Testing (NAIL4PET), the American Society for Testing and Materials (ASTM), and the AD Safety Network.

"Yes, we are in the 'Safety Business', but it is the safety of people. It is about bringing home workers safely. It is about supplying products and solutions so that people who have much more dangerous jobs than we do can get to go home to their families each day," said Loren Rivkin, Saf-T-Gard President and Chief Operating Officer. "We enjoy surrounding ourselves with people and companies who feel the same way. Our gathering of associates and friends was a celebration of that!"

Jumpstart Your Workplace AED Program Today and Save More Lives with the ZOLL® AED Plus® in Stock at Saf-T-Gard



Saftgard.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 Saftgard.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 Saftgard.com without a Saf-T-Gard account.

We invite you to spend a few minutes at Saftgard.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 Saftgard.com web login.

Five Safety Tips



1. DESIGNER HEAD PROTECTION - Protective headgear is available in full brim hats, peak brim caps and low-hazard bump caps.

2. DESIGNER HEARING PROTECTION - Earplugs are available in many different materials and shapes, and earmuffs are available with different shapes and features, both stand-alone and as cap-mounted attachments to safety caps and hats.

IS YOUR WORKPLACE PREPARED TO TREAT SUDDEN CARDIAC ARREST?



8000-00-4007-01

Jumpstart your AED program today and save more lives with the
ZOLL AED PLUS
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Sudden Cardiac Arrest (SCA) is a leading cause of unexplained death in the U.S. Out-Of-Hospital Cardiac Arrest (OHSCA) is responsible for approximately 350,000 deaths in the U.S. annually. The overall survival rate is just 12%. Research shows a fivefold increase in survivability — from 5% to 24% — when an AED is used. Sadly, the same research shows that an AED is only available 2% of the time.

According to the American Heart Association (AHA), 10,000 cases of SCA happen at work each year. If employees aren't trained to act, a victim's chance of survival is very low. Rapid response, CPR and AED use are absolutely critical for a positive outcome.

SCA occurs when an electrical malfunction of the heart causes it to suddenly stop beating properly. There are no warning signs, and it can happen to anyone, anywhere. You don't need to be a professional rescuer to help a SCA victim while waiting for emergency services to arrive. A victim's best chance of survival is immediate treatment with cardiopulmonary resuscitation (CPR) and an **automated external defibrillator (AED)**.

As the manager of your building, facility, or office, you're responsible for the safety of your employees. Do you have the necessary resources available in case of an emergency? Someone's life may depend on it.

Saf-T-Gard has the **ZOLL® AED Plus® 8000-00-4007-01 Fully-Automatic Package** in stock and available for immediate shipment.

Only the **ZOLL® AED Plus®** is equipped with Real CPR Help® technology, giving the rescuer real-time feedback on the depth and rate of chest compressions during CPR. The sensor in the pads lets the AED see each chest compression and guides the rescuer, with prompts and a real-time bar gauge, to the recommended depth and rate of compressions.

Additional features and benefits include the following:

- Novel electrode design delivers a five-year shelf life and fits 99% of the population's chest anatomy
- Pull-tabs expose the conductive gel on each pad only when it is in direct contact with the skin, limiting the chance of gel contamination
- CPR-D-padz® meet applicable ANSI/AAMI/ISO DF-39-1993 requirements and offer clear anatomical placement illustrations as well as a CPR hand positioning landmark and comes complete with a rescue accessory package, including a barrier mask, razor, scissors, disposable gloves and a towelette
- Display screen presents the elapsed time and number of shocks delivered
- Back-lit display screen provides simultaneous text with every audio prompt and a circle of lighted graphical icons that show what to do

Click [here](#) to shop the **ZOLL® AED Plus® 8000-00-4007-01 Fully-Automatic Package** online, or call customer service at **1-800-548-GARD (4273)** today for more information or to place an order.

3. DESIGNER

RESPIRATORS - Half-mask air-purifying respirators are available either maintenance-free or with replaceable filters and cartridges, and full facepiece respirators are available with air-purifying cartridges or as components in a supplied-air system.

4. DESIGNER EYEWEAR

- Protective eyewear (safety glasses) are available in a wide variety of frame colors, sizes and shapes and lens tints, sizes and shapes to fit nearly any size and shape face.

5. DESIGNER GLOVES -

Many different materials, designs, sizes, shapes, textures and linings are available to virtually customize glove selection to the application.

QUESTIONS

Q&A

ANSWERS



Question - Concerning low-voltage rubber insulating gloves, what is the difference between Type 1 and Type 2?

Answer - According to the ASTM D120 standard specification for rubber insulating gloves (which is specifically referenced in the OSHA regulations), Type 1 gloves are made from non-ozone resistant rubber, cis-1,4 polyisoprene of natural or synthetic origins, and Type 2 gloves are made from ozone-resistant rubber, generally EPDM. Both Type 1 and Type 2 gloves have the same electrical properties. Type 2 gloves have the added advantage of ozone-resistance and some increased resistance to oil and grease. Type 1 gloves can deteriorate from ozone caused by extended exposure to sunlight and other ozone-creating conditions. Type 2 gloves are currently offered in low-voltage classes 00 and

JUMPSTART YOUR AED PROGRAM

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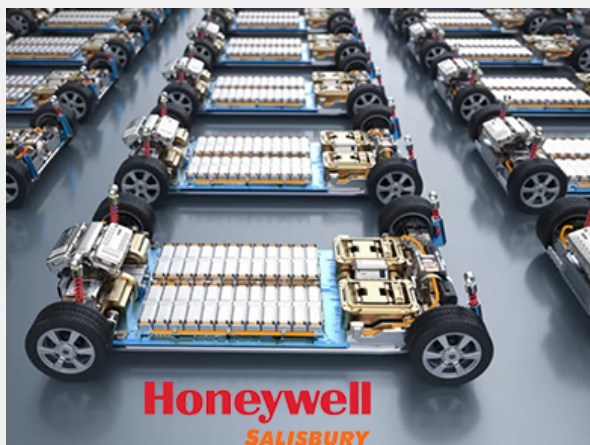
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Arc Flash and Electric Vehicles: What Businesses and Workers Need to Know about Personal Protection



Electric Vehicles (EVs) are one of the world's hottest topics. With 2,531,206 battery electric vehicles and plugin-hybrid electric vehicles on U.S. roads today, infrastructure, incentives and sustainability are at the forefront of EV discussions.

Within the EV industry, though, the conversation often turns to the perils of working with high-voltage batteries. Workers who build and maintain EVs face numerous dangers on the job, but arc flash incidents are the most acute. Even deadly.

What is arc flash? It's an energy discharge of light and heat that forms when a fault occurs in an electrical circuit. A tremendous amount of energy is released as current flows through ionized air. When an arc fault occurs, the massive

0 for maximum-use working voltages of 500 volts AC (Class 00) and 1,000 volts AC (Class 0).

Saf-T-Gard Spotlight



Chip Cain is a Chicago-Area Safety Specialist, and joined Saf-T-Gard 10 years ago (when Saf-T-Gard acquired Dunn Safety Products).

What Chip likes best about Saf-T-Gard:

"Having the ability to protect our customers from head to toe."

What makes Chip's day:

"Seeing a new product/program increase worker efficiency and reduce injuries."

Chip's outside interests are:

"Golf, tennis, and hiking."

OSHA Factoid



Are fit-check and medical evaluation requirements different for disposable respirators than for other types?

Non-voluntary use of a filtering facepiece (...disposable ... type dust respirator) requires that the employer establish and implement a written respiratory protection program with worksite-specific procedures. The respiratory protection program must include the

electrical explosion can reach 35,000° Fahrenheit – four times hotter than the sun! The intense heat causes a sudden expansion of air, which can result in a blast with exceedingly strong air pressure.

This force can be significant and can blow workers away from the arc, causing falls and injuries that may be more severe than burns. In sum, there are two separate byproducts of the electrical explosion: arc flash (the light and heat) and arc blast (the pressure wave that follows). It's vital for workers to wear personal protective equipment (PPE) in any environment where arc flash is possible.

Arc flash incidents most often occur in electricity and power plants, or any place that uses electrical equipment such as substations and transmission lines. EV battery and manufacturing sites are now added to that list.

The risks of arc flash are especially great when handling EV batteries, which can contain hundreds of volts of electricity. Risks are increased since EVs use high-voltage, high-energy density lithium-ion batteries. These batteries consist of many individual, low-voltage cells, several of which are connected. For example, certain models of Tesla's EVs have more than 7,100 battery cells. Each cell has a voltage that can vary, but typically when fully charged, will be about 4.2Vdc. Even with a low value of charge, the cell can have a voltage of 3Vdc. These batteries can produce voltages approaching 1,000Vdc and can produce arc flash currents of thousands of Amps. Collectively, these batteries provide enough voltage to propel a vehicle.

WHAT CAUSES ARC FLASH?

There are many reasons arc flash may occur. It is not necessary to touch live components to sustain an arc flash injury. Common causes include:

- Dropping un-insulated tools
- Loose connections and exposed live parts
- Dust
- Faulty installation
- Lack of awareness and training
- Material failure
- Changing components
- Corrosion
- Condensation
- Intrusion from animals into the electrical system, such as rodents or snakes

THE PERILS OF ARC FLASH

During an arc flash explosion, serious and/or deadly conditions can arise. Typical dangers include burns, fire, flying objects (molten metal and shrapnel that exceed 700 mph), blast pressure (upwards of 2,000 lbs./sq. ft.), sound blast up to 140 dB, and exorbitant heat (about 35,000° F). Further outcomes can include eardrum damage, which starts at 720 lbs./sq. ft., and lung damage, which typically begins at 1,728 lbs./sq. ft.

PPE TO HELP PROTECT WORKERS

Workers handling EV batteries should be properly trained and equipped to perform their tasks safely. This includes donning PPE designed to protect against possible arc flash and other hazards. When working with EVs, it's essential to follow safe work practices. This may include procedures for isolating the electrical system, conducting electrical safety tests, disconnecting battery links to reduce incident energy and correctly utilizing PPE.

Choosing the right PPE for your team is equally important. **Honeywell Salisbury** manufactures pioneering patented electrical safety products that help protect workers from arc flash hazards while handling high-voltage components and batteries. From **balACLAVAS** to **leather over gloves**, **Honeywell Salisbury** is a long-standing and trusted resource for electrical safety protection.

medical evaluation of employees.

...what OSHA means by "annual", with regard to the training and fit test requirements in the Respiratory Protection Standard. Annual means that training and fit testing must be conducted every year, before or on the anniversary date of the employee's previous training and fit test; for example, if the employee is trained or fit tested on February 1, 2023, then the employee must be trained or fit tested before or on February 1, 2024.

The agency also requires, as addressed in [29 CFR 1910.134], that wearers of respirators conduct a fit check each and every time they don a respirator. The fit check may be conducted according to the manufacturer's instructions.

[Extracted from several OSHA interpretation letters regarding disposable filtering facepiece respirators.]

Happy Halloween



Saf-T-Gard celebrated our annual employee costume contest and luncheon on October 31, 2023, and everyone showed up to safely show off their Halloween spirit.

Congratulations to Andres Campos Apolinar (Mario Kart), Alejandrina Gonzalez (The Nun), and Ellie McGivern (Safety Barbie) for being voted the top favorites.

How did you celebrate Halloween this year? Like or follow us on [Facebook](#), [Twitter](#) or [LinkedIn](#) and share your festive pictures with us on our social media accounts.

As I See It

For head, face, and neck protection against arc flash, Honeywell Salisbury's new **PrismShield™ Plus** has a frameless design to increase a worker's viewing area by more than 20%. The faceshield has a ProLift shroud and lift-front hood, plus a double-curved lens that greatly reduces distortion and eye strain. The weight-balancing frame also increases comfort by reducing neck strain.

When a worker needs rescuing, the **Insulated Rescue Stick** is an invaluable tool for any workplace. It's used to safely withdraw an injured worker out of a hazardous area without endangering the rescuer. It can be used for rescues in battery manufacturing and assembly, confined spaces and vaults, as well as rescues near electrical cabinets and switch gear.

Hand protection is also critical when working with electrical safety hazards. Honeywell Salisbury's **Class 0 Electrical Insulating Rubber Gloves** provide cut and abrasion protection. They're extremely flexible, making it easy to work with small parts. The gloves meet or exceed ASTM D120 and IEC EN60903 Standards.

ILP Series Leather Glove Protectors provide enhanced protection for rubber insulating gloves, both of which must be worn together while working near electrical hazards.

INSULATED TOOLS AND COMPLIANCE

Specific tools must be used when working with EVs. The National Fire Protection Association (NFPA®) 70E standard requires **insulated tools** such as these be used when working on or near electricity greater than 50V. Two of Honeywell Salisbury's latest EV insulated tool kits include the EV124: Electric Vehicle Master Shop Kit for organizations working with larger electric trucks, buses and military vehicles. The TK84: Honda Civic and Accord EV Kit was developed alongside Honda engineers.

Ultimately, electrical safety is a shared responsibility between employers and employees. Compliance with safety regulations is paramount and requires a collaborative effort between workers and management, with the end-goal of preventing worker injury. The right PPE is a substantial part of the solution as the world moves toward an electrified future — safely.

Saf-T-Gard carries a comprehensive selection of **Honeywell Salisbury Electrical Safety products** including arc flash clothing and kits, rubber insulating gloves, sleeves, blankets & matting, hoods, hard hats, faceshields and accessories, line hose, hoods and connectors, dielectric footwear, grounding and jumpers and 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.

BROWSE HONEYWELL SALISBURY PRODUCTS

Watch the FREE National Safety Apparel Investing in Safety: How to Build an Arc Flash PPE Program Your Workers Will Embrace Webinar ON DEMAND



INVESTING IN SAFETY:
How to Build an Arc Flash PPE Program
Your Workers Will Embrace
ON DEMAND

WATCH NOW



It is November 2023, and as I was thinking about what to write, this news flash came across my computer. "Lost in space: \$100,000 tool bag from NASA spacewalk." Just last month I wrote about **tool tethering**, but I guess our Saf-T-Gardian didn't make it to the International Space Station. The UPI news story continues, "Every construction worker who ever accidentally left their tools at their worksite now has something in common with NASA astronauts, who lost a tool bag worth \$100,000 during a spacewalk on Nov. 1, the space agency announced." Such a simple (and low-cost) solution could have prevented a major (and expensive) problem.

Sometimes simple solutions are there but overlooked resulting in complexity for the sake of complexity. **PPE Vending** can be a simple solution to control costs and properly allocate PPE expenses to appropriate departments and activities.

Another simple solution is addressing the problems of issuing earplugs. For sanitation, packaging, and dispensing reasons, disposable earplugs are normally packed one pair in a paper or plastic package. Workers may reach for one package and grab a handful. Unwrapping the package can lead to waste. And the relatively low cost of disposable earplugs may not justify dispensing them in a PPE vending machine. Wouldn't a simple solution be to **bulk pack earplugs in a dispenser** like a candy dispenser and place them conveniently in work areas? That's bringing the PPE to where the need is, with no packaging waste.

OK supervisors and business owners — don't feel bad that you perhaps didn't think of simple

This webinar discusses the critical components of an effective Arc Flash PPE program. The experts will provide you with practical guidance and strategies for creating a program that not only meets regulatory requirements but also addresses worker comfort and productivity concerns.

In this webinar, you'll learn how to:

- Understand the risks and consequences of arc flash incidents
- Conduct a thorough hazard assessment to identify potential sources of electrical hazards and determine appropriate risk mitigation strategies
- Select PPE that balances protection, comfort, and mobility for your workers
- Address common PPE pain points, such as heat, discomfort, visual and auditory obstructions, and limited mobility
- Implement a comprehensive Electrical Safety Program that includes hazard analysis, equipment labeling, and clear procedures for working on or near energized electrical equipment
- Provide ongoing training and education to ensure workers understand the importance of wearing PPE and are aware of the latest safety practices

Don't miss this opportunity to enhance the safety and productivity of your electrical professionals while ensuring compliance with industry standards and regulations. Register now to secure your spot and learn how to build an Arc Flash PPE program that your workers will embrace.

WATCH NOW

solutions to complex worker safety issues. That's what we're here for – a safety specialist with four generations of experience and expertise. We can work with you to **[analyze your operations and hazards](#)** and present understandable, usually simple, performance-based and cost-effective recommendations. We take a customer-focused approach to PPE and facility safety, 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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