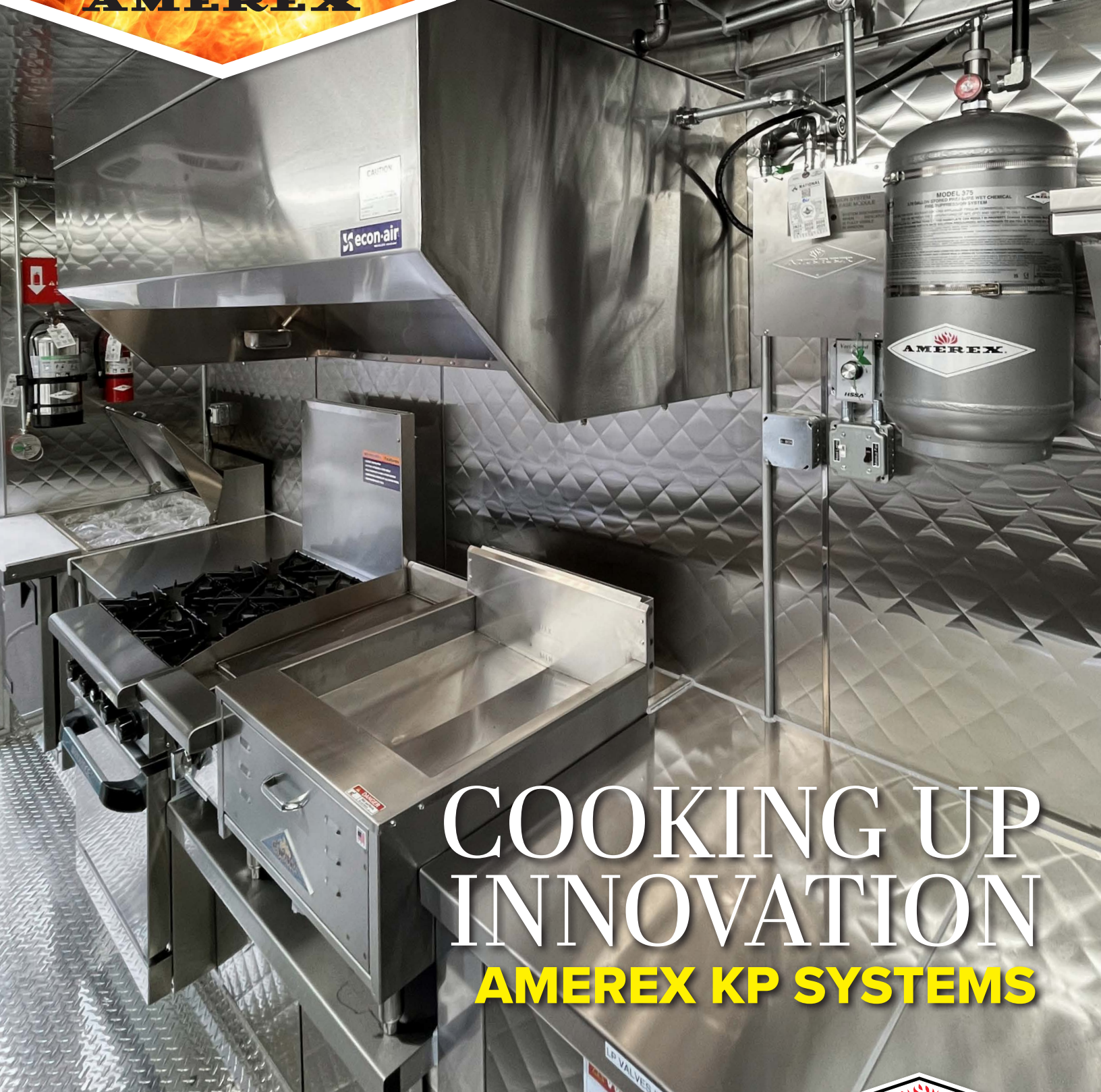


SPRING 2025



Inside THE Diamond



COOKING UP
INNOVATION
AMEREX KP SYSTEMS

Quality is Behind the Diamond®



A Letter from Harrison Bishop

Amerex has proudly called Trussville, Alabama, home since our founding. From the beginning, we have been deeply connected to this community, a thriving suburb of Birmingham. We continuously seek meaningful ways to give back. During a meeting with the city's mayor last year, we shared our vision to be a part of a major community project. His suggestion to build a Miracle League field inspired us, and with McWane's support, Amerex Miracle Field has become a reality.

We will bring this dream to life with a grand opening celebration, scheduled for April 17, which will include the entire Amerex team and the Trussville community. The event will feature a ribbon-cutting ceremony and an exhibition Miracle League game. We cannot wait to

our community connections but also the partnerships we have built with you, our customers. Your success is our success, and we love hearing your stories and seeing your photos. Special thanks to Quality Trailers (page 9) and Southern Cross (page 12) for giving us a behind-the-scenes look at their businesses. We hope you enjoy learning more about their operations.

We are also eager to share some exciting developments at Amerex. Our engineering team has been working diligently to meet the new FM 5970 standard for heavy-duty mobile equipment—a project years in the making (page 15). This upcoming certification will further reinforce our commitment to safety and innovation and further secure our position as a leader in the fire protection industry.

In addition, we're proud to



Harrison Bishop
PRESIDENT AND CEO

***“ Your success is our success,
and we love hearing your stories
and seeing your photos. ”***

see the positive impact Amerex Field will have on Trussville. You can read more about this exciting project on page 4 and follow our social media channels for updates.

At Amerex, we treasure not only

introduce two new products: the BrX fire extinguisher (page 18) and GreaseOut, a detection seal exclusive to Amerex (page 14). These advancements reflect our dedication to providing the most

effective and reliable fire safety solutions for our customers.

This issue also features insights from Jamie Knowles, our Industry Relations Manager. Find his take on the latest trends and developments within the fire protection industry on page 8 to stay informed.

We look forward to connecting with many of you at the upcoming National Association of Fire Equipment Distributors (NAFED) conferences. Keep an eye out for our emails about the Amerex booth and special events—we hope to see you there!

Thank you for your continued trust in Amerex. We're honored to have you with us. 🌟

contents

SPRING 2025



15

Chase Arrington and Kyle Clemons overseeing FM 5970 fire testing.



ON THE COVER: *Quality Trailers sets the standard in Mobile Kitchen Safety*, page 9.

Community News	4
Industry News.....	5
Employee Spotlight	7
Industry Relations Update	8
Building Success.....	9
Connecting the World.....	12
Amerex GreaseOut Detection Seal	14
Raising the Bar	15
Halotron BrX	18
Amerex 2025 Events Calendar.....	19

Amerex Miracle Field

Amerex is proud to partner with the city of Trussville, Alabama, to build a Miracle League field as part of Trussville's baseball and softball complex. Amerex Miracle Field will provide an inclusive space for children and adults of all abilities to participate in sports, extending the joy of teamwork and movement to everyone who wants to play.

Designed by architect Ryan Vernon of Lathan Architects, the Miracle League field will feature a specialized surface that allows individuals with disabilities to safely participate. The field will also include accessible dugouts tailored for children with disabilities, ensuring all participants feel included. In addition to hosting adaptive baseball games, the field will be used for other activities, including games for younger T-ball athletes.

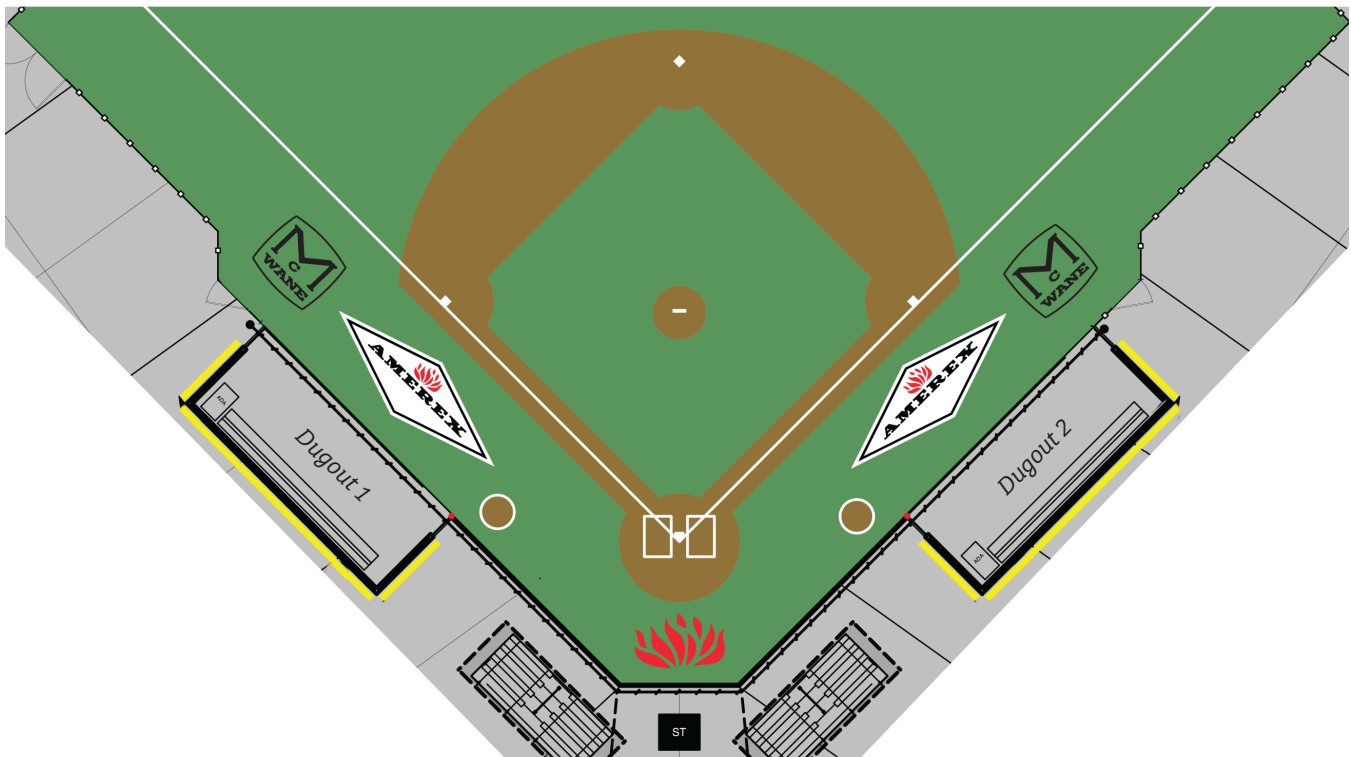
"This Miracle League field is more than just a part of our sports complex—it's a place where memories will be made and the entire community can come together," says Buddy Choat, Trussville Mayor. "Thanks to the generous donation from Amerex, we are proud to bring this space

to fruition not only to meet the needs right here in our community but also for people from all over Alabama."

The new field will be integrated into the Trussville Parks and Recreation baseball program, creating opportunities for high school students and other community members to volunteer as buddies for Miracle League players. While a nearby Miracle League field exists in Moody, Trussville officials worked closely with the Miracle League organization to ensure this project would complement, rather than compete with, existing programs.

"At Amerex and all of the McWane, Inc., family of companies, we are committed to protecting lives, whether through fire safety or by investing in projects that build stronger, more inclusive communities," says Harrison Bishop. "We are excited to be in a position where we can bring this Miracle League field to life and look forward to seeing the impact it will have on the Trussville community."

The project reflects years of planning, and construction is already underway with the ribbon-cutting ceremony planned for April 17.



Amerex at AUSA Annual Meeting

The Amerex team participated in the Association of the United States Army Annual Meeting and Exposition in Washington, D.C., last fall. The event was an excellent platform for Amerex, a National Partner exhibitor, to engage with key contacts, explore ongoing projects and discuss potential new ventures within the expansive 300,000-square-foot exhibit hall.



AT LEFT, LEFT TO RIGHT: *Chris Nichols, Ben Pitts, Ken Mier, Dalton Rawson, Susan Ray, Brannon Paulk, Angie Littleton, and Dan Besaw.* ABOVE: *Ben Pitts.*

Cahaba River Frydown

Congratulations to our Amerex team, who received honorable mentions for Team Spirit and Crowd Favorite at the 15th annual Cahaba River Frydown. The Cahaba River is the primary source of drinking water in the Birmingham area and a treasure trove of biological diversity.

The Cahaba River Frydown celebrates this resource for our community with a competitive catfish cook-off.



LEFT TO RIGHT: *Heath Posey, Brett Partain, Mexi Green, Bryan Payne, Riley-Kate Justice, Gidget Yeager, Devon McIntyre, Tiffany Hull, Mike Krumtinger, Alex Hydrick, Regina Lewis and Mark Lewis.*

Amerex Welcomes Magaldi Group

Amerex recently welcomed Mark Magaldi III—General Manager— and the two newest members of their team, Jarrett and Fred of Transit Marketing Group (TMG), to Trussville for an Amerex and Vehicle Fire Suppression System (VFSS) orientation. TMG has been our exclusive marketing arm for VFSS sales in the transit industry for more than 30 years. Welcome to the team, Jarrett and Fred!



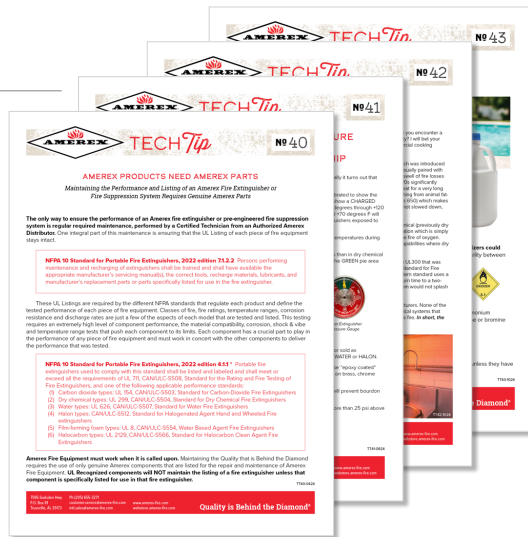
LEFT TO RIGHT: *Harrison Bishop, Alan Fulton, Mark Magaldi III, Jarrett Benavides, Fred Zandi and Ben Pitts.*

Updated Tech Tips

The Amerex Learning Center has a fresh collection of Technical Tips. Access them anytime at Tech Tips—Amerex Fire Systems.

Tech Tips provide practical expert advice on fire safety, equipment maintenance and industry insights. We consider them the ultimate resource for guidance on enhancing the performance and longevity of your Amerex products, as well as boosting your business.

Do you have something you want to learn more about from our team of experts? Share it with us through our *Contact Us* form.



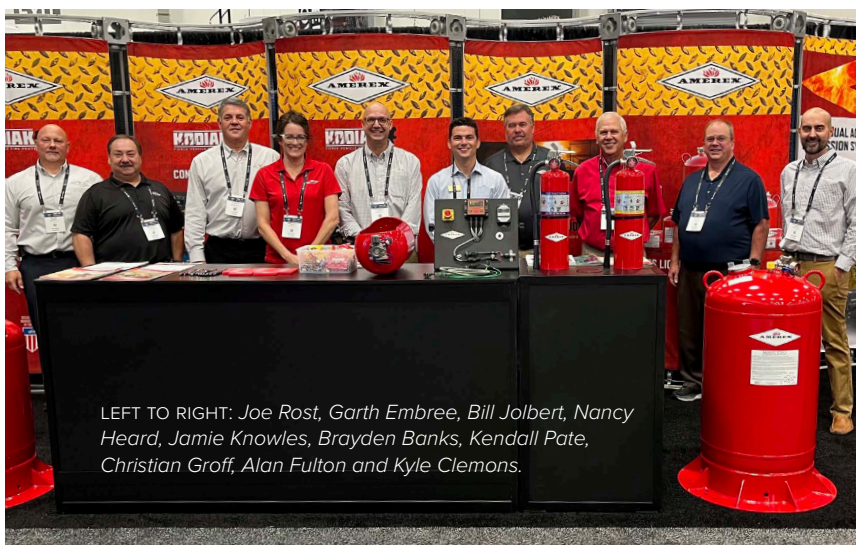
Partnering With the American Institute of Architects

Amerex prides itself on quality and innovative thinking. To help inform and educate those in architecture about the importance and requirements surrounding fire safety in building design, Amerex developed a learning program that has been approved by the American Institute of Architects and is eligible for continuing education credit under the Health Safety and Wellness category. The program curriculum includes information on UL, NFPA, and how to specify proper extinguishers by hazard and occupancy. We look forward to continuing to partner with industries in engaging ways like this and are proud to share that several architectural firms in the Birmingham, AL, area have completed this course.



MINExpo International

MINExpo is an annual event, produced by the National Mining Association, that brings together professionals, experts and decision-makers from the global mining industry in Las Vegas. Bill Jolbert, Sales Director—Vehicle Systems; Joe Rost, Sales Manager—Vehicle Systems; and others from the Amerex team connected with channel partners, customers and other industry experts. The days were packed with opportunities to showcase our Vehicle Systems and Z-Series products. Attendees got an up-close look at our vehicle cylinders and multiple control panels, as well as an engine demo on how Amerex Vehicle System protection performs in action.



LEFT TO RIGHT: Joe Rost, Garth Embree, Bill Jolbert, Nancy Heard, Jamie Knowles, Brayden Banks, Kendall Pate, Christian Groff, Alan Fulton and Kyle Clemons.

Coming Soon ... A New Amerex Training Website

We are putting the finishing touches on a new Amerex Training website. According to David Rice, Training and Continuing Education, “This new site has been designed to be much more user-friendly. It will simplify the sign-up process, allow company administrators to view certificate information for their companies and even send multiple notifications when certificates are about to expire.”

Current users of the training site will receive an email notification once the new site is ready to launch. They will log in using their existing email address but will need to set a new password due to the platform change. Once logged into the new site, each user will be able to verify their own information.

Training is one of the most important services we offer



our customers, and we look forward to introducing you to our new website. 🌟

employeeSPOTLIGHT

A New Chapter in Defense Sales at Amerex



For Dalton Rawson, joining Amerex Corporation as the new Defense Sales Manager feels more like a calling than a career move. Dalton’s journey to Amerex started with conversations that kept pointing him in one direction: McWane. “Over the years, I have had many coworkers transition to McWane companies, and they all spoke

so highly of the culture,” Dalton says. “I’d heard about the McWane Way so often that when I decided to explore new opportunities, the career page was my first stop.” When the role at Amerex appeared, it felt like a great fit and a chance to return to the fire protection industry.

What excites Dalton most about his new role is the impact he can have. With three children serving in the U.S. Air Force, his dedication to protecting those who protect the nation runs deep. Dalton sees tremendous

opportunities, especially through Amerex Defense’s reputation for quality fire protection systems tailored to critical defense applications.

“After spending 13 years in sales at ASC Engineered Solutions, Dalton brings with him a wealth of experience—particularly as the Sales and Product Manager for a division focused on automating sprinkler pipe fabrication,” says Ken Mier, Product and General Manager—Defense. “Now, he’s ready to make his mark in the fire protection industry.” Whether it’s ensuring the safety of military bases or developing equipment for hazardous environments, Dalton is eager to help Amerex deliver solutions that meet the unique demands of defense.

“To me, ‘Quality is Behind the Diamond’ means the value isn’t just in the product but also in the care and hard work behind it,” he says. “It’s evident in Amerex’s commitment to providing the best fire extinguishers in the industry and manufacturing them in the United States.”

Outside of work, he and his wife have found new hobbies instead of an empty nest. An avid wrestler in his youth, Dalton now officiates high school wrestling matches, including folkstyle, freestyle and Greco-Roman matches.

Dalton’s alignment with Amerex’s mission and his sales expertise set him up to be a key player in shaping the future of Amerex Defense. 🌟

INDUSTRY RELATIONS *Update*

JAMIE KNOWLES, INDUSTRY RELATIONS MANAGER, SHARES WHAT'S NEW, WHAT'S IMPORTANT AND WHAT TO KEEP AN EYE ON.



My first year as Amerex's Industry Relations Manager has been a whirlwind of trade shows and conferences across various industries with fire protection professionals across the country. In this semiannual update, I aim to share key developments in our fire extinguisher and pre-engineered fire systems sector.

WHAT'S NEW—NFPA 10 has completed its second revision cycle for the new 2025 edition set to be released later this year. After two days of intense debate, a passage allowing a "Performance Based Inspection Program" was approved in the second ballot. It is expected to be included in the 2025 edition after the June NFPA meetings. The new language allows end users to submit data and a plan to the AHJ to extend the required fire extinguisher inspections from a 30-day deadline to 90 days. This end-user inspection is critical to ensuring that portable fire extinguishers remain in place and in good working order throughout the year. Although we initially opposed this addition, once it became clear that it would pass, we worked diligently within a work group to develop responsible language to ensure public safety.

WHAT'S IMPORTANT NOW—Lithium-ion batteries! At Amerex, we emphasize safety around all lithium battery hazards. Lithium batteries store electricity similarly to other batteries. However, during a thermal runaway event, the stored electricity can be rapidly discharged as the battery degrades. It is critical that any fire extinguisher protecting a lithium battery have a Class C rating, meaning the agent in the fire extinguisher does not conduct electricity, preventing electrical shock of the user. There are numerous videos we can point to that show even small lithium batteries shooting fire and sparks 10 to 15 feet. It is equally critical that the fire extinguisher have a discharge range of 15 feet or more. See Amerex's position paper on lithium-ion batteries, [here](#).

WHAT TO STUDY—Class D fire hazards and Class D firefighting agents. It is important to understand what a lithium-ion battery fire is and how it is different than a Class D fire hazard that is typically protected with Amerex Class D fire extinguishers. I have a couple of resources for you to use: The first is Amerex's Class D Tech Tip that we just updated. This Tech Tip uses some examples that illustrate when and when not to use Amerex Class D fire extinguishers and Class D firefighting agents. The second is that NAFED is offering a class by Kevin Kreitman at each of its conferences. Kevin is the Correlating Committee Chair, Combustible Metals and Metal Dusts, NFPA 660, and is the most informed person I know on this subject. If you are attending the NAFED conferences, I highly encourage you to attend. I know that I will be there!

WHAT'S COOL—Energy efficiency in cooking appliances is cool because it saves us all money in the long run. As energy efficiency increases, so does the heat-up rate of the oil and the appliance's ability to hold heat, building some impressive test fires. Below is a picture of Amerex engineers conducting a two-minute pre-burn for UL 300 fire testing on a new high-efficiency fryer. 🔥





**BUILDING
SUCCESS**
ONE CUSTOM TRAILER AT A TIME

*QUALITY TRAILERS INC. SETS THE STANDARD
FOR MOBILE KITCHEN SAFETY.*

When you think of the bustling food truck scene of the West Coast, it's impossible not to consider the behind-the-scenes craftsmanship it takes to make it all possible. Quality Trailers Inc., a family-owned business, has revolutionized the food trailer industry. The mobile kitchen manufacturer has Amerex fire suppression systems as a nonnegotiable standard in every unit it produces—combining custom craftsmanship with cutting-edge fire suppression technology—showing it prioritizes safety at every turn.

BUILT FROM THE GROUND UP

Unlike competitors who retrofit standard cargo trailers, Quality Trailers crafts each unit from scratch to ensure unparalleled quality and durability and has become a trusted name for custom-built food trucks and trailers.

“The experience we have in building trailers goes back to early 2000s, when we were primarily focused on commercial trailer builds for the construction industry,” says Angel Gonzalez, General Manager of Quality Trailers. “It was in 2010 that we transitioned to just focus on food trailers.”

Today, the business serves a wide geographic area. “We’re based in Portland, Oregon, and we’ve built a lot of our trailers for the West Coast, primarily, I’d say Oregon, Washington and California. We have some trailers out in Colorado, Montana and that northern Midwest region, as well as Alaska and Hawaii,” says Vitaliy Yasinskiy, Sales Manager at Quality Trailers. “No matter where our customers are, we offer a fully customizable experience. Every single build is a reflection of our ability to bring the customer’s vision to life, down to the smallest detail.”

Yet, amid the creativity, one feature remains constant: an Amerex Kitchen Protection fire suppression system.



THE AMEREX PARTNERSHIP

In an industry where open flames and hot oil are everyday tools, fire safety isn't just a consideration—it's a necessity.

“Since 2017, Amerex has been our exclusive fire suppression partner,” says Angel. “We ensure every trailer is equipped with a reliable Amerex system because it's not just about meeting regulations—it's about protecting lives, businesses and the significant investments our customers make.”

The decision to partner with Amerex came after a conversation at a trade show in Orlando, and the relationship has only strengthened since, Angel says. Unlike its previous experiences with third-party fire safety equipment providers, Quality Trailers worked with Amerex on meeting the certification requirements to bring the installation process in-house. This shift not only improved the quality and efficiency of its builds but also allowed for more control over the safety standards of its products.

“We can control the quality, how well it was installed and how clean it was installed, which is a big thing for us,” Vitaliy adds. “It impacts how quickly we can turn the whole trailer around. It could take us a day or two to install the whole system, whereas before, we had to get on a schedule and be at the mercy of what parts they had in stock.”

WHY AMEREX?

“Quality and service are key to our business. Every trailer we make is extremely durable and provides a best-customed experience,” says Pavel Yasinskiy, Owner.

“ We’re joined at the hip with Amerex ...from their products to their support, they’ve been a game-changer for our business. ”

ANGEL GONZALEZ

“We partner with Amerex because their business follows those same principles.” Amerex’s overlapping KP fire suppression system is a standout feature for Quality Trailers. Designed to accommodate changes in kitchen layouts without requiring costly nozzle adjustments, this system ensures flexibility and ease of maintenance for customers.

“Whether a customer wants to switch from fryers to griddles, the Amerex system adapts,” says Vitaliy. “This saves them money and makes their trailer more versatile and easier to resell in the future.”

In addition to its adaptability, the Amerex system comes with a robust warranty and comprehensive support, qualities that Quality Trailers values and matches in its commitment to customer satisfaction.

EMPOWERING CUSTOMERS WITH TRAINING

Quality Trailers goes the extra mile to educate its clients on safety. When customers pick up their trailers, they



receive hands-on training on all the features, including the Amerex KP system.

“We encourage customers to record the walk-throughs as a training tool,” says Vitaliy. “We also provide laminated safety instructions and a detailed operations manual. This way, they have all the resources they need to operate safely and confidently.”

A PARTNERSHIP BUILT ON TRUST

Quality Trailers’ collaboration with Amerex exemplifies the power of strong partnerships. By working together, they’ve set a new standard for safety and quality in the food truck and trailer industry, giving customers peace of mind as they pursue their culinary dreams.

“We’re joined at the hip with Amerex,” says Angel. “From their products to their support, they’ve been a game-changer for our business.”

As Quality Trailers rolls out more custom creations across the country, one thing is clear: Its dedication to excellence and safety ensures that every food truck it builds is a beacon of quality, reliability and innovation. And with Amerex by its side, the future of the company and its customers is brighter—and safer—than ever. 🌟



Connecting the World

SOUTHERN CROSS AVIATION GROUP

For 35 years, Southern Cross Aviation has been a driving force in the global aviation industry, ensuring aircraft operators worldwide have the critical parts and support they need to keep flying. What began as a boutique aircraft sales company has grown into a powerhouse of aviation solutions with multiple business units and a global reach.

Headquartered in Fort Lauderdale, Florida, Southern Cross Aviation has expanded its footprint as a broker and wholesale distributor with distribution hubs in Mesa, Arizona, and Anchorage, Alaska, as well as key facilities throughout South America.

A Legacy Built on Service

Southern Cross Aviation was founded in 1989 with a focus on buying and selling aircraft in North America and exporting worldwide, with a strong emphasis on South America. However, it quickly became apparent that many aircraft owners and operators outside the United States lacked a reliable supply chain for replacement parts and essential maintenance support. In response, Southern Cross expanded its mission—adding trusted wholesale distributor and parts provider to its list of services.



“When we started our business, it quickly became apparent that we needed to expand into this area of the industry to offer better support to our clientele,” says Ricardo Carvalho, Co-Founder of Southern Cross. “When we saw expensive aircraft that we sourced for our operators being grounded due to the lack of a simple component—whether it was hardware, consumables or a rotatable part that was relatively inexpensive and easy to source—we realized we could make a real impact. Ensuring operators had reliable access to the components they needed at a moment’s notice became a priority. Today, we support aviation operators in every corner of the world, from Africa to Asia, Europe, the Middle East and Australia, partnering with the industry’s most reputable manufacturers.”

More Than Just Parts: A Family of Aviation Solutions

Over the years, Southern Cross Group has grown into a family of specialized businesses, each catering to different needs within the aviation industry:

- ▶ **Southern Cross Aircraft**—The original aircraft sales and brokerage arm, specializing in aircraft transactions, management, and leasing.
- ▶ **Southern Cross Aviation**—A parts and components distributor with over 70 authorized distribution lines, including some of the industry’s largest aviation manufacturers.
- ▶ **Southern Cross Accessories**—An FAA Part 145 repair station, providing critical maintenance and repair capabilities.
- ▶ **Surjet**—A luxury charter and aircraft management company based in Fort Lauderdale, offering 24/7 services to elite clientele.
- ▶ **CDS MRO**: A specialized repair station in Brazil, servicing major Latin American airlines and cargo operators.

With nearly 300 employees across its various entities, Southern Cross is a comprehensive aviation service

“ When we evaluated potential partners, Amerex stood out for its exceptional reputation, high-quality products and reliability. We knew that by offering Amerex fire extinguishers to our clientele, we were providing them with a product they could trust on their worst day. ”

RODRIGO CARVALHO



provider, ensuring that aircraft remain in the sky and businesses can operate without disruption.

A Partnership With Purpose

One of the most crucial aspects of aircraft safety is fire suppression, and Southern Cross has made it a priority to ensure operators have the best equipment available. This commitment led to a partnership with Amerex.

“When we evaluated potential partners, Amerex stood out for its exceptional reputation, high-quality products and reliability,” says Ricardo. “There are strict regulations around the world that require aircraft to have fire extinguishers onboard—and for obvious reasons. We knew that by offering Amerex fire extinguishers to our clientele, we were providing them with a product they could trust on their worst day.”

Beyond the products themselves, Southern Cross values the partnership it has developed with Amerex. “From its sales team to management and accounting, the collaboration has been seamless. We know that if we need a product, Amerex will deliver. That reliability is critical to keeping our clientele flying,” says Ricardo.

Global Reach, Local Commitment

Southern Cross is more than just beautiful aircraft and the parts that keep them running—it’s about keeping vital industries in motion. Whether supporting emergency medical transport, enabling firefighting aircraft to operate in remote locations, or ensuring military aircraft remain



mission-ready, Southern Cross plays a pivotal role in aviation safety and reliability.

“Not long after COVID-19, when there was a global pilot shortage and flight schools were struggling to make ends meet due to supply chain issues and increased demand, flight schools relied on us for parts support to keep flying,” Ricardo says. “We made sure each and every flight had access to Amerex fire extinguishers, ensuring they had a reliable provider to keep their aircraft flying and their students safe.”

With an unwavering commitment to excellence, a strong partnership with Amerex, and a global presence, Southern Cross continues to soar—connecting the world, one aircraft at a time. 🌸



Southern Cross Mesa Warehouse

Amerex GreaseOut Detection Seal: A New Essential for Commercial Kitchen Fire Suppression Systems

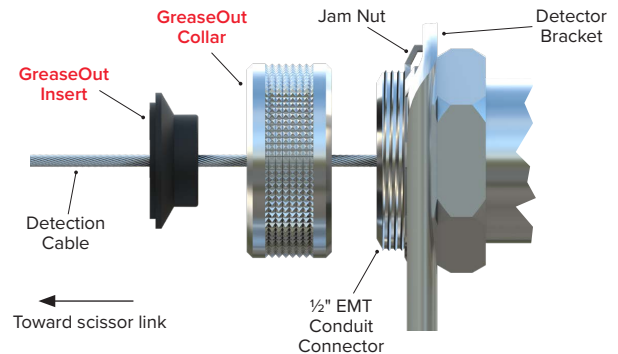
Since the beginning of preventing fires in commercial and restaurant kitchens, grease ingress into mechanical detection lines has been the Achilles' heel of the most common mechanical kitchen fire suppression systems. The grease-laden vapors from cooking operations travel into the detection conduit, and as those vapors cool, they coagulate at the bottom—slowing the reaction time for proper detection or even disabling the automatic detection required by NFPA and UL 300/1254.

Over the years, many solutions have been attempted, but no product has gone through the required steps to become UL 300/1254 listed within a system that's already listed and approved—until now!

UL 300/1254 mechanical detection circuits are built with stainless-steel cable inside half-inch electrical metallic tubing (EMT) conduit, link detectors, pulleys and a spring that applies tension to the cable. Adding any product to the automatic detection line of a UL 300/1254 listed pre-engineered system requires that system to pass a 500-cycle test using the maximum number of detectors, corner pulleys and cable. The 500-cycle test determines if the detection circuit and the control mechanism can successfully reset 500 times in a row without any type of failure when maxed out and tripped. This critical UL test ensures system operation continues in grease-laden environments like a commercial kitchen.

Only products subject to UL audits that have successfully passed a 500-cycle test and the UL 300/1254 listing process are acceptable for use in UL 300/1254 listed systems. Any additional products added to the circuit that have not specifically been tested will add resistance to the detection line, reducing capability and response time. What might seem like small or insignificant contact with the cable, when multiplied 60 times, becomes a significant problem. When you cycle that significant problem 500 times, it takes its toll on the survivability of the control mechanism and detection line.

Amerex's KP 500-cycle testing revealed a need to reduce the maximum parameters of the KP detection line when the Amerex GreaseOut Detection Seal is used. When the Amerex GreaseOut Detection Seal is in place, the maximum parameters of the Amerex KP detection line is reduced from



30 detectors, 30 corner pulleys and 200 feet of cable to 20 detectors, 25 corner pulleys and 175 feet of cable. This size detection line had excellent performance throughout the entire 500-cycle test and accommodated the extra drag on the detection cable.

We know through experience that rubber or silicone parts used in commercial cooking environments will lose their shape and effectiveness over time due to frequent temperature changes, cleaning solutions and grease buildup. For these reasons, a semiannual replacement of the silicone insert is required to ensure it remains snugly fit within the metal collar.

The Amerex GreaseOut Detection Seal can only be used with the Amerex KP spot detection and linear fusible link detection. Do not use it with the lanyard-style detection—that has carabiners and eye bolts rather than conduit.

The kitchen fire suppression industry has been asking for a product like this for a long time, and we are proud the Amerex GreaseOut Detection Seal is finally available. It's the result of a strong partnership between Amerex and Evergreen Tool, a company that's been bringing innovation to the kitchen fire suppression industry for decades. Evergreen has an impressive list of products, many of which were industry firsts that have become industry essentials. We are confident that the Amerex GreaseOut Detection Seal will become a product our KP systems will never go without. 🌿




Click [here](#) to learn more about GreaseOut.

RAISING

THE BAR

AMEREX WORKS TOWARD FM 5970 STANDARDS FOR VEHICLE FIRE SUPPRESSION SYSTEMS

 In the ever-evolving world of vehicle fire suppression, staying ahead of industry standards is not just a matter of compliance for Amerex—it's a commitment to safety, reliability, performance and quality.

This commitment has been reaffirmed with our successful testing for FM 5970, the newest and most rigorous standard for heavy-duty mobile equipment (HDME) fire protection systems.



WHAT IS FM 5970?

FM 5970 is the latest globally recognized testing standard developed by Factory Mutual (FM) for HDME. It builds upon decades of previous standards, pushing the boundaries of testing to reflect the extreme environments in which these systems operate.

“FM 5970 is a culmination of rigorous testing designed to replicate real-world scenarios,” explains Chase Arrington, Product Development Engineer at Amerex. “It ensures fire suppression systems can withstand tough environments and perform under any circumstance.”

This new standard sets a higher bar, requiring systems to pass rigorous fire, flow and environmental tests, including exposure to temperatures exceeding 1,400 degrees Fahrenheit. It also includes chemical and corrosion testing to ensure durability in the harshest conditions.

SHAPING FM 5970 AND MEETING ITS CHALLENGES HEAD ON

Amerex’s journey to FM 5970 compliance began long before the standard’s release. “Amerex has been influential in developing this standard,” notes Kyle Clemons, Systems Engineering Manager. “We provided feedback during its preliminary development and throughout its revisions, ensuring the tests reflect real-life applications.”

Achieving FM 5970 compliance is no small feat. Amerex systems underwent a variety of rigorous tests, ranging from full-system fire suppression evaluations to individual component tests. “It was challenging, to say

the least,” says Chase. “For us, the various tests showed that, in some cases, what we had available already met the standard, while in other cases, we had to step up our game. This allowed us to increase the value and the quality of our products in order to meet those criteria.”

This comprehensive testing led to key product improvements and additional pre-engineered network offerings. “Now we’re able to provide additional nozzle offerings for each cylinder size to give our customers more value by allowing them to do more with the same cylinder,” Chase adds. “This gives them greater flexibility and improves cost efficiency.”

“ FM 5970 is a culmination of rigorous testing designed to replicate real-world scenarios. It ensures fire suppression systems can withstand tough environments and perform under any circumstance. ”

CHASE ARRINGTON

Testing to meet the FM 5970 standard pushed the Amerex vehicle fire suppression system to its limits. “Our team is proud of the fact that we didn’t have to make a lot of changes, just simply retest and requalify, and the upgrades made really allow us to offer a more robust system,” says Kyle. “Additionally, we were able to qualify



Kyle Clemons and Chase Arrington worked with the Fire Test team to produce a video explaining the FM 5970 process.

“ This milestone is just one example of how we prioritize safety and performance in everything we do. ”

KYLE CLEMONS

our systems for all the available categories within the standard for a powder system.”

INDUSTRIES AND APPLICATIONS BENEFITING FROM FM 5970 COMPLIANCE

FM 5970-compliant Amerex systems are designed to meet the demands of industries operating in the most rugged environments, including:

- **MINING:** Extreme heat and flammable materials pose significant risks.
- **FORESTRY:** Rough terrain and machinery demand durable fire suppression systems.
- **WASTE MANAGEMENT:** Refuse vehicles require reliable fire protection.
- **TRANSIT:** Buses and other vehicles allow passengers to benefit from robust systems even in less severe environments.

WHY DOES FM 5970 MATTER TO CUSTOMERS?

For Amerex customers, FM 5970 compliance translates into tangible benefits.

- **ENHANCED SAFETY:** Systems are now even more robust, ensuring reliable performance in extreme conditions.

- **GREATER FLEXIBILITY:** Improved nozzle configurations allow for better customization based on specific needs.
- **COST EFFICIENCY:** Enhanced product capabilities mean more value from existing equipment.

“Ultimately, this results in a better-quality product customers can depend on when they need it most,” says Chase.

LOOKING AHEAD: A COMMITMENT TO EXCELLENCE

As the market evolves and hazards continue to change and develop, Amerex remains committed to innovation. “We’ll continue to improve our systems and collaborate with FM to keep standards current,” says Kyle. “This milestone is just one example of how we prioritize safety and performance in everything we do.”

Working toward FM 5970 is more than a certification for Amerex—it’s a testament to our dedication to delivering quality fire suppression systems that our customers can depend on when they need it most. Whether they’re safeguarding a mining site or protecting a transit fleet, Amerex’s FM 5970-compliant systems are engineered to handle the toughest challenges. 🌟



Halotron BrX: The Future of Aviation Fire Suppression

For decades, Halon fire extinguishers have been the gold standard for aviation fire safety. With the manufacturing of raw Halon agent outlawed due to its environmental impact, however, the industry needed an alternative that matches its effectiveness and lowers the ozone depletion potential before Halon becomes extinct. Amerex answered the call with Halotron BrX, an innovative fire suppression agent ideal for the aviation industry: rigorously tested, UL listed, and compliant with Federal Aviation Administration and European Union Aviation Safety Agency requirements.

LEADING THE TRANSITION FROM HALON

Amerex is the preferred American manufacturer of BrX clean agent fire extinguishers. “In the spirit of innovation, we supported the development of BrX fire extinguishers more than a decade ago,” says Chris Nichols, International Sales and Aviation at Amerex. “And this BrX product has taken the place of Halon, first and foremost in Europe, but we think increasingly it will replace these units around the world.”

AVIATION-OPTIMIZED FIRE PROTECTION

BrX isn't just a replacement—it's an enhancement. “It delivers elite protection while eliminating the long-term environmental consequences of Halon,” says Brayden Banks, Product Manager – Portable Extinguishers.

Halon has been a trusted clean agent for over 30 years, but its detrimental atmospheric effects—lingering for more than 20 years—have led to its phase-out. In contrast, BrX dissipates in just seven days, a significant improvement.

Additionally, BrX extinguishers leave no residue, cause no thermal or static shock, and have no electrical conductivity, ensuring complete safety for aircraft systems and operators.

“Weight, size and placement are crucial in aviation,” says Brayden. “Our BrX lineup is designed to fit seamlessly into aircraft cabins while delivering top-tier performance.”

UNMATCHED VARIETY AND INNOVATION

Unlike competitors, the Amerex Halotron BrX lineup includes five distinct models catering to the specific needs of the aviation industry. The Amerex team fondly refers to three of these as “unicorns”—fire extinguisher models unlike anything else on the market. The first is the smallest and lightest BrX unit in the world, A337TS, with just 1.79 pounds (0.81 kilograms) of agent. Next, the 349TS is the only 5B:C BrX extinguisher with a hose, offering improved maneuverability. “Being Amerex, we want to offer high-quality products and be at the forefront of innovation at the same time,” says Brayden. “So, we also have the 351, which holds a 2A:10B:C rating—something no other competitor offers right now that we know of.”

A SAFER FUTURE

Receiving FAA approval on these Amerex fire extinguishers marks a major milestone in aviation fire safety. Amerex is also compliant with EASA standards, which makes BrX a universal solution for aviation fire suppression worldwide.

As airlines and aviation professionals look for fire suppression solutions that align with evolving regulations and environmental standards, Amerex Halotron BrX stands out as the premier choice. 🌸



events 2025



EVENT DESCRIPTION	LOCATION	DATES
NAFEM	Atlanta, GA	Feb. 26–28
KP/IS Training Class	Las Vegas, NV	March 3–4
VS Training Class	Las Vegas, NV	March 5
NAFED	Las Vegas, NV	March 6–7
KP/IS Training Class	Nanuet, NY	March 11–12
STN Expo East	Charlotte, NC	March 20–25
GASFED	Duluth, GA	March 25–27
KP/IS Training Class	Charlotte, NC	April 1–2
VS Training Class	Charlotte, NC	April 3–4
Aircraft Interiors Expo	Hamburg, Germany	April 8–10
NAFED	Atlantic City, NJ	April 10–11
WasteExpo	Las Vegas, NV	May 6–8
NAFED	St. Louis, MO	May 8–9
KP/IS Training Class	Chicago, IL	May 13–14
VS Training Class	Chicago, IL	May 15–16
GAPT	Jekyll Island, GA	June 15–19
NFPA	Las Vegas, NV	June 16–18
FFEDA	Howey-in-the-Hills, FL	June 20–22
NAFSM	Biloxi, MS	Aug. 11–13

why AMEREX?

QUALITY

Amerex didn't become a global market leader overnight.

Our business has grown year after year based on our products' reputation for performance and durability in even the most rugged environments.

INNOVATION

Because Amerex is independently owned and forward thinking, we are continuously innovating and investing for the benefit of our customers and those they serve.

SERVICE

Amerex was founded on a mutual appreciation for premium quality in products and customer service and the importance of interpersonal relations.



Quality is Behind the Diamond®

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