

# FOOD & BEVERAGE INDUSTRY



**Facilitating safety and compliance  
in food production environments**

# Food manufacturing facilities face critical safety challenges that can impact both workers and product quality. **Here are five key statistics relevant to safety in this industry:**

**Slips, Trips, and Falls:** Slips, trips, and falls account for approximately 25% of all injuries in food manufacturing environments, highlighting the need for effective floor maintenance and safety protocols to mitigate these risks.

**Ergonomic Issues:** Workers in food processing are at a heightened risk for musculoskeletal disorders, with studies indicating that up to 60% of employees experience injuries related to repetitive motions, emphasizing the importance of ergonomic assessments and interventions.

**Cross-Contamination:** Improper organization can lead to cross-contamination, with around 30% of food recalls attributed to undeclared allergens, underscoring the necessity for stringent organizational practices and adherence to food safety standards.

**Chemical Handling:** Chemical handling incidents represent about 15% of workplace injuries in food manufacturing, necessitating comprehensive training and proper use of personal protective equipment to ensure worker safety when dealing with hazardous substances.

**Occupational Illness:** Workers in the animal slaughtering and processing industry face significantly higher risks, with occupational illness rates six times the average across all industries and serious injuries occurring at double the rate of other workers.





With a growing family of specialized brands that date back as far as 1894, Justrite Safety Group caters to a broad range of industries, including food and beverage manufacturing, to provide industrial safety solutions to protect people, property, and the planet.

Our innovative solutions have been trusted by many of the world's biggest chemical, manufacturing, and job site facilities. With Justrite Safety Group, you can be confident in the safety of your employees, regulatory compliance, enhanced operational efficiency, and the peace of mind that comes from knowing your facility is equipped for safety.

#### **Designing for Compliance**

We never lose sight of the goal: workplace safety. We manufacture safety products to meet safety standards, working alongside relevant organizations to guide our customers towards a state of compliance.

#### **Sharing Safety Knowledge**

Our expertise is your advantage. We collect, synthesize, and distribute safety information — in easy-to-use terms — so you can take action to remain safe and compliant.

#### **Focusing on Customer Needs**

We design and manufacture every product to meet specific safety standards. By listening to our customers and staying involved in compliance committees, we're able to deliver the highest-quality safety products.

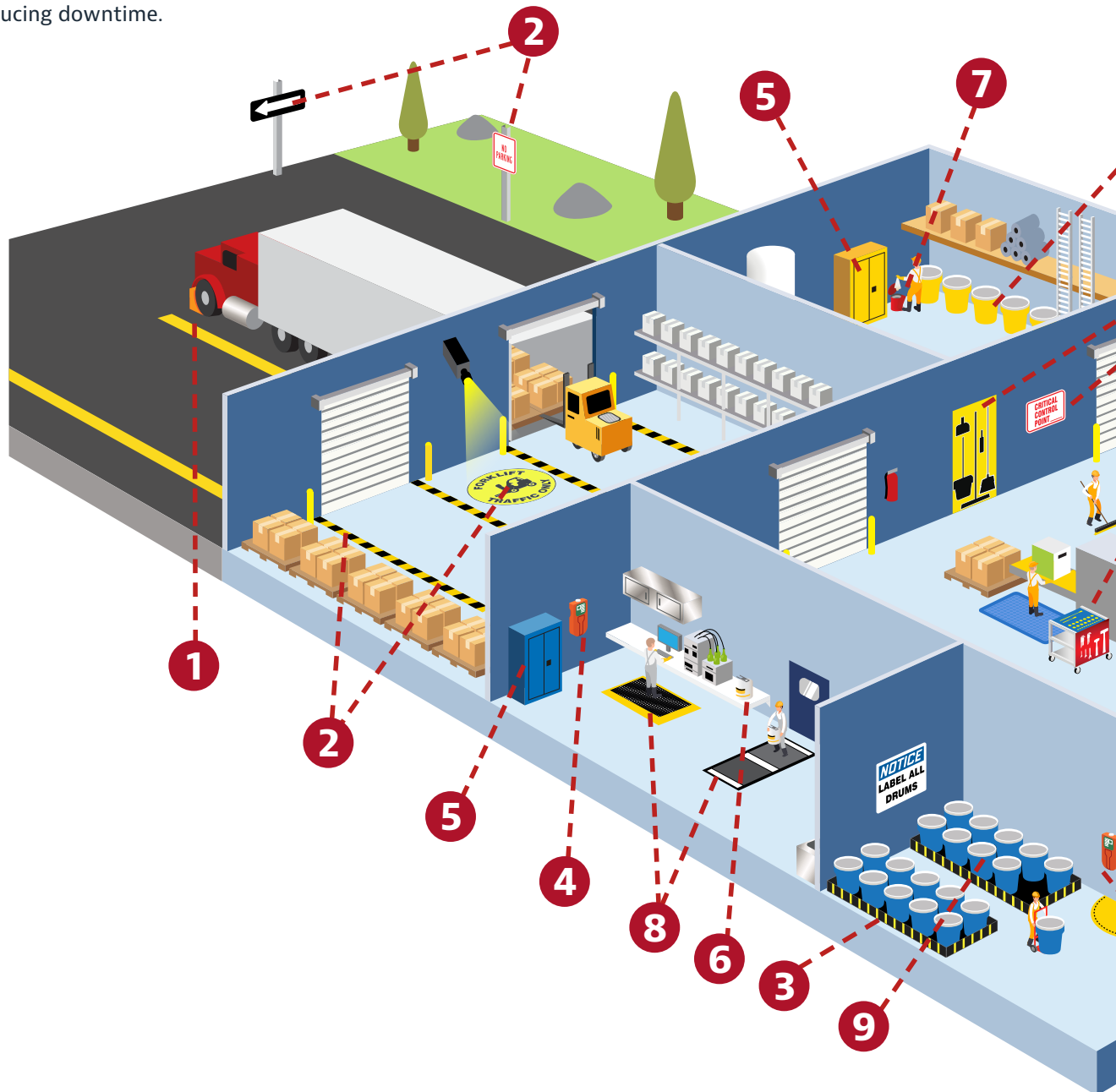
# Our product solutions are specifically designed to help safety managers seamlessly integrate these principles into their operations.

## Key Product Categories:

- 1 Chemical Control:** Chemical storage cabinets, chemical handling equipment, and secondary containment solutions to prevent the spread of spills and contaminants. Even ashtrays can help prevent physical contamination.
- 2 Storage and Organization:** Shadow boards, floor mats, and storage containers to improve organization and reduce the risk of accidents.
- 3 Emergency Equipment:** Eye/face wash stations and emergency safety showers to provide rapid decontamination in the event of an accidental chemical spill.
- 4 Motion Safety:** Bollard covers, parking stops, and wheel chocks create a safer environment, protecting employees and reducing downtime.

## By implementing these solutions, you can:

- Reduce the risk of foodborne illness.
- Improve compliance with regulatory standards.
- Enhance employee safety and well-being.
- Protect your brand reputation.
- Minimize costly recalls and shutdowns.



**Incorporating solutions that follow regulatory and compliance standards helps to ensure a safe and efficient environment in the food and beverage industry.**

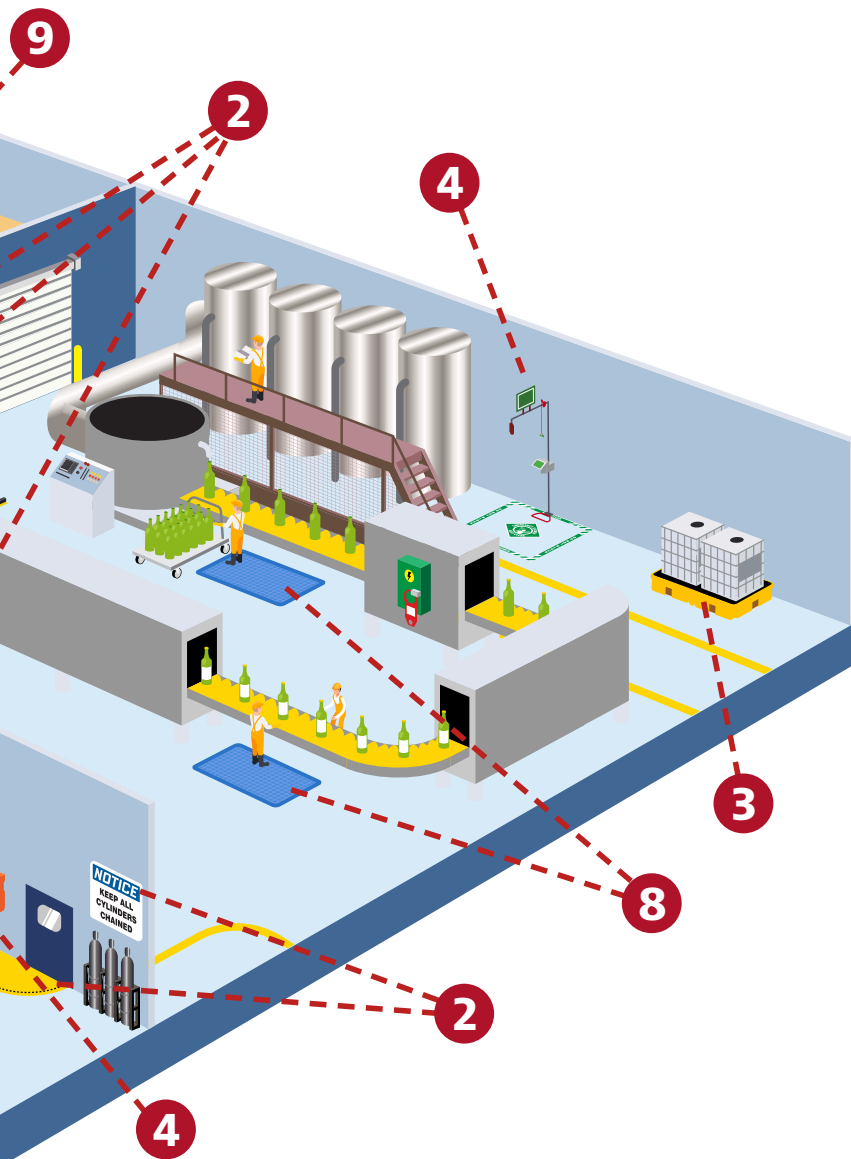
Current Good Manufacturing Practices (CGMP)

Hazard Analysis and Critical Control Points (HACCP)

Spill Containment & Countermeasures (SPCC)

American National Safety Institute (ANSI)

Occupational Safety and Health Association (OSHA)



- 1 Wheel Chock**  
Wheel chocks prevent vehicle movement, ensuring safety during loading and unloading operations.
- 2 Safety Identification**  
Communicates hazards, directions, and safety information to workers.
- 3 Spill Containment**  
Prevents chemical spills from spreading, protecting workers and the environment.
- 4 Emergency Shower & Eye Wash**  
Provides immediate decontamination for chemical splashes or exposures.
- 5 Safety Cabinet**  
Securely stores flammable or hazardous materials, preventing accidents.
- 6 HPLC Waste Disposal Safety Can**  
Safely stores and disposes of hazardous liquid chromatography waste.
- 7 Oily Waste Can**  
Safely contains and disposes of flammable rags and materials.
- 8 Floor Matting**  
Improves traction, reduces fatigue, and prevents slips and falls.
- 9 Poly Drums**  
Stores and transports various materials, including hazardous substances.

# Zone 1: Front Office and Employee Areas



In a manufacturing plant, the front office and employee areas are not just administrative spaces—they are pivotal safety zones that set the tone for the entire operation's security, functionality, and critical communications. Ensuring your front office and employee areas are properly outfitted will help facilitate safe operations when needed the most.

## Parking Lot Traffic Safety

In facilities with heavy worker and visitor traffic, managing parking lot safety is essential. Checkers parking stops, speed bumps, and humps effectively control traffic, alert drivers, and ensure a safe environment for both vehicles and pedestrians.



## Outdoor Ashtray Stands

Cigarette litter poses fire risks and cleanliness challenges. Justrite®'s Outdoor Ashtray Stands address this issue by concealing butts and discouraging improper disposal. ADA compliant and featuring a self-extinguishing mechanism, they enhance fire safety while maintaining a clean environment.



## Safety Signage

Manufacturing facilities require various safety signs in offices, employee areas, and throughout the building. AccuformNMC™ offers a wide range of signs that enhance workplace safety by clearly marking restricted areas, guiding visitors, highlighting hazards, and ensuring compliance with OSHA and ANSI standards.



# Zone 1: Front Office and Employee Areas continued

## Entrance Mats

Maintaining cleanliness in your facility is crucial, and NoTrax entrance mats help prevent up to 80% of soil brought in by foot traffic. This reduces dirt accumulation and the need for cleaning chemicals, saving on floor maintenance costs. Additionally, NoTrax mats are designed to lower slip and fall risks, especially on wet floors.



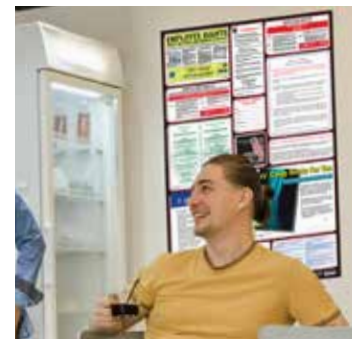
## Cable Protectors

Cable protectors improve safety and organization in offices and workspaces by managing cords in areas like reception desks, open offices, and shared spaces. This reduces trip hazards and keeps the workspace looking professional.



## Safety Posters

The Fair Labor Standards Act (FLSA) requires employers to display notices of specific regulations in visible areas. Safety posters are key to communicating safety laws and precautions to employees. Place them in high-traffic areas like breakrooms, time clocks, and vending machine zones to ensure workers stay informed.



# Zone 2: Research and Development



The R&D department in food and beverage manufacturing is the engine of innovation, ensuring compliance and advancing food safety through rigorous testing. However, the handling of hazardous substances such as chemical reagents, solvents, and biological samples creates significant safety risks. These labs can become breeding grounds for accidents if not properly managed, making strict safety protocols essential to protect researchers and maintain a contamination-free environment. Prioritizing safety is not just necessary—it's a responsibility to the people driving progress.

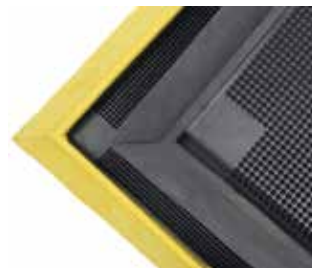
## Clean Step Tacky Mats

Ensuring a hygienic environment is crucial to preventing contamination and upholding product quality and safety in food processing manufacturing. NoTrax® Tacky Mats are designed to capture dirt and debris from footwear, helping to stop contaminants from spreading between different areas and ensuring a hygienic environment.



## Industrial Boot Wash Stations

NoTrax boot wash stations clean and sanitize footwear to prevent contamination. The chemical and temperature-resistant mats use rubber fingers to remove dirt, with a capacity to hold up to five gallons of sanitizing fluid for thorough disinfection of workers' footwear.



## Anti-Fatigue Mats

Fatigue and discomfort can greatly affect productivity in labs. NoTrax anti-fatigue mats reduce fatigue by up to 50%, made from lightweight nitrile rubber and foam. They are easy to clean, liquid and chemical-resistant, and foster a clean, bacteria-free workspace, with an anti-slip surface and ergonomic support, ideal for frequently cleaned areas.



## Chemical Labels

In a food manufacturing lab, accurate labeling is essential for safety and compliance. AccuformNMC Chemical Labels clearly identify hazardous substances, protecting employees and preventing cross-contamination. These durable labels can be mounted on various surfaces, ensuring effective communication of safety protocols and precautionary measures.



## Spill Trays, Drip Pans, and Sumps

Spill trays, drip pans, and sump trays prevent hazardous spills that could cause accidents or damage. Eagle's HDPE spill trays affordably contain leaks in labs or under machinery, ensuring a safer workspace. Drip pans capture oils, coolants, and other liquids for a clean, safe workplace.



## Laboratory Carboys and Solvent Waste Systems

Disposing of chemicals improperly is not only hazardous to your worksite, but it could also land you in serious trouble with the EPA and result in large fines. Use laboratory carboy and solvent waste systems to properly store, transfer, and dispose of hazardous chemicals.



## HPLC Disposal Cans

Justrite's HPLC disposal cans enable safe hazardous waste management with quick-disconnect fittings, vapor lock, and a sealed design for spill and vapor control, ensuring compliance and reliability.



## Modular Pallets with Drains

For safe storage and handling of hazardous chemicals, oils, and fuels, modular spill pallets are the ideal solution. These pallets feature built-in containment sumps to prevent leaks and spills from reaching the floor, while integrated forklift pockets allow for easy movement and stacking, providing both safety and convenience.



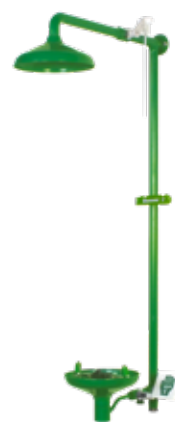
## Lab Packs

Improper disposal of lab waste can lead to dangerous consequences, including fires, explosions, and legal penalties. Eagle's Lab Packs are a premium, portable solution designed for the safe storage and transportation of hazardous materials. HDPE plastic drums are fully incinerable. Built with all-weather and chemically resistant features, they ensure reliable spill containment and cleanup, keeping your lab environment safe.



## Laboratory Showers

Over 45% of surveyed lab workers report being involved in a lab accident. Emergency showers, designed to provide immediate decontamination after accidental exposure to hazardous chemicals, help reduce the risk of injury or chemical burns. These showers comply with ANSI Z358.1-2014 and EN 15154 standards, supporting OSHA requirements for workplace safety.



## Safety Cabinets for Hazardous Material Storage

Ensure that you are meeting safety regulations with Justrite NFPA and OSHA-compliant flammable safety cabinets designed for the secure storage of acids, bases, oxidizers, and other reactive substances. These cabinets feature Haz-Alert™ reflective labels for quick content identification, enhancing safety and promoting proper chemical management in your R&D environment.



# Zone 3: Production



The production floor is the heart of food and beverage manufacturing, where efficiency meets the highest standards of food safety and hygiene. However, it's also a high-risk area for accidents and contamination, making safety a critical priority. Hazards like bacterial growth, chemical spills, cross-contamination, and slip-and-fall accidents can jeopardize product integrity and worker safety. That's why implementing the highest standards of safety measures is critical to prevent contamination, ensure compliance, and protect both employees and consumers from harm. Safety isn't just a requirement—it's the foundation of successful production.

## Floor Markings

Clear and durable AccuformNMC Floor Marking Solutions are vital for ensuring safety and efficiency in food and beverage production facilities. Studies show that effective floor marking can reduce workplace accidents by up to 50%. These solutions help identify hazardous zones, mark aisles and pathways, and create a well-organized, safe working environment, improving both safety standards and operational flow.



## Industrial Food Service Matting

NoTrax mats are essential for reducing worker discomfort and fatigue caused by a prolonged amount of time standing on hard surfaces. Their chemical resistance properties facilitate easy cleaning and provides antimicrobial protection, minimizing cross-contamination and the risk of foodborne illness, while offering comfort, durability, and slip resistance in food production settings.



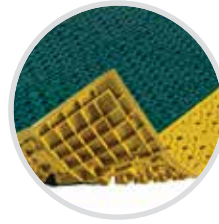
## Deep Freeze Mats

Deep freeze mats are vital in cold storage areas, enhancing safety by providing a non-slip surface, thermal insulation, and cushioned support to reduce fatigue, effective to -40°F to protect workers in cold environments. A durable matting solution is essential for providing traction, withstanding cold temperatures, and facilitating efficient product movement in the slick floor environment of cold production.



## Eye Wash Mat

The NoTrax Eyewash Station Mat is essential for maintaining the visibility and safety compliance of emergency response stations, such as eyewash stations and emergency safety showers, by preventing obstructions and ensuring rapid drainage in a manufacturing production area.



## Emergency Eyewashes Stations and Chemical Safety Showers

Eye wash stations and chemical safety showers are critical for immediate decontamination after exposure to hazardous chemicals. They must be placed within 10 seconds reach of a hazard in order to provide fast, effective relief to a casualty in the event of an accidental spillage.



## Hi-Visibility Column Protectors

In food processing areas, mobile equipment like pallet jacks or carts may be used. Column Protectors shield columns from potential impacts, maintaining the integrity of the building structure and enhancing safety.



## Plastic Overpack Drums

Managing hazardous materials involves risks of spills and exposure. Justrite's Plastic Overpack Drums offer durable, weather-resistant, high-density polyethylene construction and secure screw-on lids, ideal for safely containing and transporting spills or storing hazardous materials.



## HDPE Oily Waste Cans

As per OSHA, all oily rags shall be put directly in fire-resistant covered containers until removed from the worksite. Avoid fire hazards and remain OSHA-compliant by using Eagle's HDPE Oily Waste Cans. Designed to safely contain materials contaminated with oils, greases, or other flammable substances, these durable waste cans provide an essential safeguard against potential fires in your workplace.



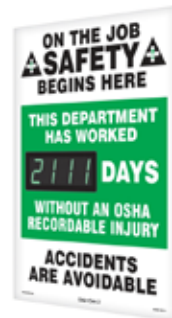
## Shadow Boards

Cleaning supplies pose overlooked cross-contamination risks. Mops and brooms moving between raw and cooked food areas can cause biological, chemical, and physical hazards. AccuformNMC shadow boards effectively mitigate these risks. Custom options are available for facilities with specific tool requirements, ensuring tailored organization and safety.



## Safety Scoreboards

Workplace safety is a challenge in production areas with high accident risks. Safety scoreboards help by visibly reinforcing safety commitment, motivating safe practices, and tracking accident-free days to reduce incidents.



# Zone 4: Packaging



The packaging area in a food production facility is a critical zone where finished products are prepared for distribution, involving activities such as filling, sealing, labeling, and quality control checks; this high-activity area requires stringent hygiene protocols and careful management of materials and equipment to prevent contamination, ensure product integrity, and maintain compliance with food safety regulations while efficiently preparing goods for shipment.

## Food and Beverage Signage

Directional and area designation signs, such as "Packaging Line 1" and "Quality Control," in food industry packaging zones, enhance workflow efficiency and safety by clearly delineating boundaries, guiding personnel, and ensuring OSHA and FDA compliance. A comprehensive system of these signs can substantially improve operations, safety, and regulatory adherence in food industry packaging zones.



## Anti-Fatigue Workstation Mats

In packaging and shipping environments where workers stand for long hours and perform lifting tasks, ergonomic anti-fatigue mats are essential. These mats provide cushioning that reduces pressure on joints and muscles, alleviating discomfort from prolonged standing. They also enhance safety by offering slip-resistant surfaces, especially in areas prone to spills or moisture.



## Floor Marking Kits

Floor markings in packaging areas are essential visual management tools that enhance safety and efficiency. They create clear pathways for pedestrians and forklifts, reducing collision risks and designating safe walking zones. Additionally, these markings delineate areas for equipment, storage, and traffic lanes, optimizing workflow and minimizing clutter.



## Cable Protection

Loading docks risk damage to electrical cables and hoses from heavy vehicles, creating safety hazards and costly repairs. Cable protectors offer durable, weather-resistant solutions that safeguard connections, eliminate trip hazards, and improve visibility, enhancing safety, reducing downtime, and preventing expensive repairs for greater operational efficiency.



## Bollard Posts

Bollards are crucial in packaging areas for providing a protective barrier between machinery, equipment, and vehicles, reducing the risk of collisions and damage. They help create clear separation between traffic and work zones, enhancing safety, preventing accidents, and ensuring a more organized and efficient operational environment.



## Drum Dollies

Drum dollies are essential for safely transporting heavy drums of ingredients and liquids in processing facilities. They minimize manual lifting, reducing workplace injuries and enabling easy maneuvering in tight spaces. Made from durable, food-safe materials, drum dollies enhance worker safety and ensure sanitation compliance.



## Ramps and Dock Plates

Dock plates and ramps are perfect for safely bridging the gap between loading docks and trailers, and for moving drums from containment or storage. These portable solutions provide a secure, smooth surface for transporting cargo, reducing injury risks and enhancing worker safety during the transition from storage to use.



# Zone 5: Maintenance



In food and beverage facilities, the maintenance area plays a key role ensuring the continuous and efficient operation of equipment through regular servicing, repairs, and preventive maintenance, minimizing downtime and upholding product safety standards. Workers often handle hazardous chemicals, which require safe storage and disposal. Maintenance procedures must also align with sanitation protocols to prevent any food safety risks. Implementing proper safety and storage solutions safeguards employees and maintains operational efficiency.

## Plunger Cans

Dispense flammable liquids and solvents safely, without waste or exposure. Justrite plunger dispensing cans make it easy to clean up your workplace or equipment without making a mess or wasting cleaning solvent.



## Drum Pumps, Funnels, Vents and Faucets

Maintaining proper segregation of incompatible wastes is essential to prevent chemical reactions or explosions. Justrite provides a variety of spill prevention equipment, such as drum faucets, funnels, vents, and tip-over protection, to assist in the secure storage and handling of hazardous materials.



## Oily Waste Cans

In any food and beverage manufacturing facility, proper disposal of solvents and flammable liquid soaked rags is crucial for safety and compliance. Justrite oily waste cans provide a reliable solution, ensuring a safe environment for workers and minimizing the risk of spontaneous combustion or fire hazards.



## Type I and Type II Safety Cans

Justrite Type I and Type II safety cans are essential in warehouse maintenance areas for safely storing and dispensing flammable liquids. Type I cans, with a single spout for filling and pouring, are ideal for storing cleaning solvents, while Type II cans, with separate filling and pouring spouts, are perfect for efficiently dispensing fuel for equipment.



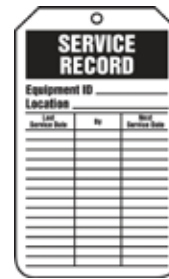
## Maintenance Spill Berms

Maintenance spill berms offer rapid containment for accidental leaks during fluid changes or equipment repairs, safeguarding assets, preventing costly cleanups, minimizing downtime, and ensuring worker safety, ultimately boosting operational efficiency.



## Safety Status Record & Inspection Tags

Tracking maintenance and inspections for equipment, first aid devices, and machinery is simplified with Inspection Tags. AccuformNMC's tags inform employees about item status in the workplace, helping them know what needs repair and what is safe to use.



## Lockout Tagout

OSHA mandates using LOTO procedures to prevent accidents during machine servicing and maintenance, such as accidental startups and unsafe attempts to clear jams or make quick repairs. Despite initial time investment, LOTO can save money by reducing injuries, preventing equipment damage, and extending machinery lifespan through proper maintenance.



## Forklift Cylinder Pallets

Forklift cylinder pallets facilitate the safe handling of gas cylinders in food R&D, minimizing back injury risks by allowing easy rolling without lifting. They simplify loading, reduce strain on workers, and ensure compliance with OSHA, NFPA 1, NFPA 55, and CGA standards.



## Flammable Safety Cabinets

Justrite flammable safety cabinets offer vital fire protection in food and beverage facilities by securely storing flammable liquids. The cabinets' robust steel construction and reliable locking mechanisms not only help prevent fire hazards but also uphold stringent safety standards.



## Gas Cylinder Storage Lockers and Cabinets

Gas cylinders are inherently hazardous due to their weight and difficulty in handling. Improper storage can lead to serious injuries or turn a damaged cylinder into a dangerous projectile. Invest in Justrite® durable and userfriendly gas cylinder storage lockers and cabinets for safe and compliant storage.



## Chemical Storage Buildings

For hazardous and flammable chemicals, U.S. Chemical Storage's prefabricated buildings mitigate risks. They feature fire-rated or non fire-rated construction and customizable fire suppression, containment sumps, HVAC and other safety features to comply with EPA and NFPA standards. Expert engineering and unique details improve efficiencies and enhance productivity.



## Lithium-Ion Cabinet

Justrite's Lithium-Ion Battery Charging Cabinet provides a crucial safety solution for food and beverage maintenance departments, where the use of battery-powered equipment is common. The cabinet effectively mitigates the risk of catastrophic battery fires and thermal runaway, which could otherwise lead to production halts, product contamination, or facility damage.



# STUD-E™

## The Ultimate Workplace Safety Survey



## Special Offer!

### Prevent Accidents in the Workplace

Take advantage of a unique opportunity to ensure your workplace meets compliance standards and avoids potentially costly fines while providing a safer environment for employees and manufacturing safe products for customers. Request a FREE! Justrite Safety Group Risk Assessment Survey (\$5,000 market value), courtesy of your preferred local distributor.

**Contact your local rep for more information today.**



STUD-E™ prioritizes critical safety issues while helping to balance the bottom line.

- ✓ Preventing compliance violations from OSHA, NFPA, EPA and FDA
- ✓ Avoiding costly fines
- ✓ Preventing workers comp claims
- ✓ Lowering insurance premiums
- ✓ Enhancing process improvements



Our expertise is your advantage. We collect, synthesize and distribute safety information — in an easy-to-use report — so you can take action to remain safe and compliant.



Can you spot the numerous safety problems in this picture? If not, we can help.



**Global Leader in Industrial Safety**

Proudly Offered By:



Justrite Safety Group is a leading global manufacturer and supplier of a deep portfolio of complementary mission-critical safety products which simplify workplace safety and regulatory compliance to protect lives, assets, and the environment.



Temporary, off-site and transportation-based worksites pose unique safety and compliance challenges. We continually expand our range of portable, durable, and self-contained products to address these challenges and uphold safety compliance standards. Our jobsite products deliver unique solutions for temporary worksites, weather exposure, and extreme environments.