



Food & Beverage Processing Plants

Safe Access Solutions

A Food processing plant is a commercial operation that transforms raw agricultural products into processed foods for human consumption, often supplying other food establishments. These plants play a crucial role in the food supply chain.

www.keesafety.ca

Risk in F&B Manufacturing Facilities

Whether you are processing grain as the starting point for some delicious bread or refining cane sugar for your favorite soft drink, the food processing and manufacturing industry presents unique challenges for both workers and contractors alike.



Kee Guard®

Guardrail system designed specifically for metal profile and standing seam roofs.

Kee Cover®

Protect people from falling through fragile roof lights.

Kee Step®

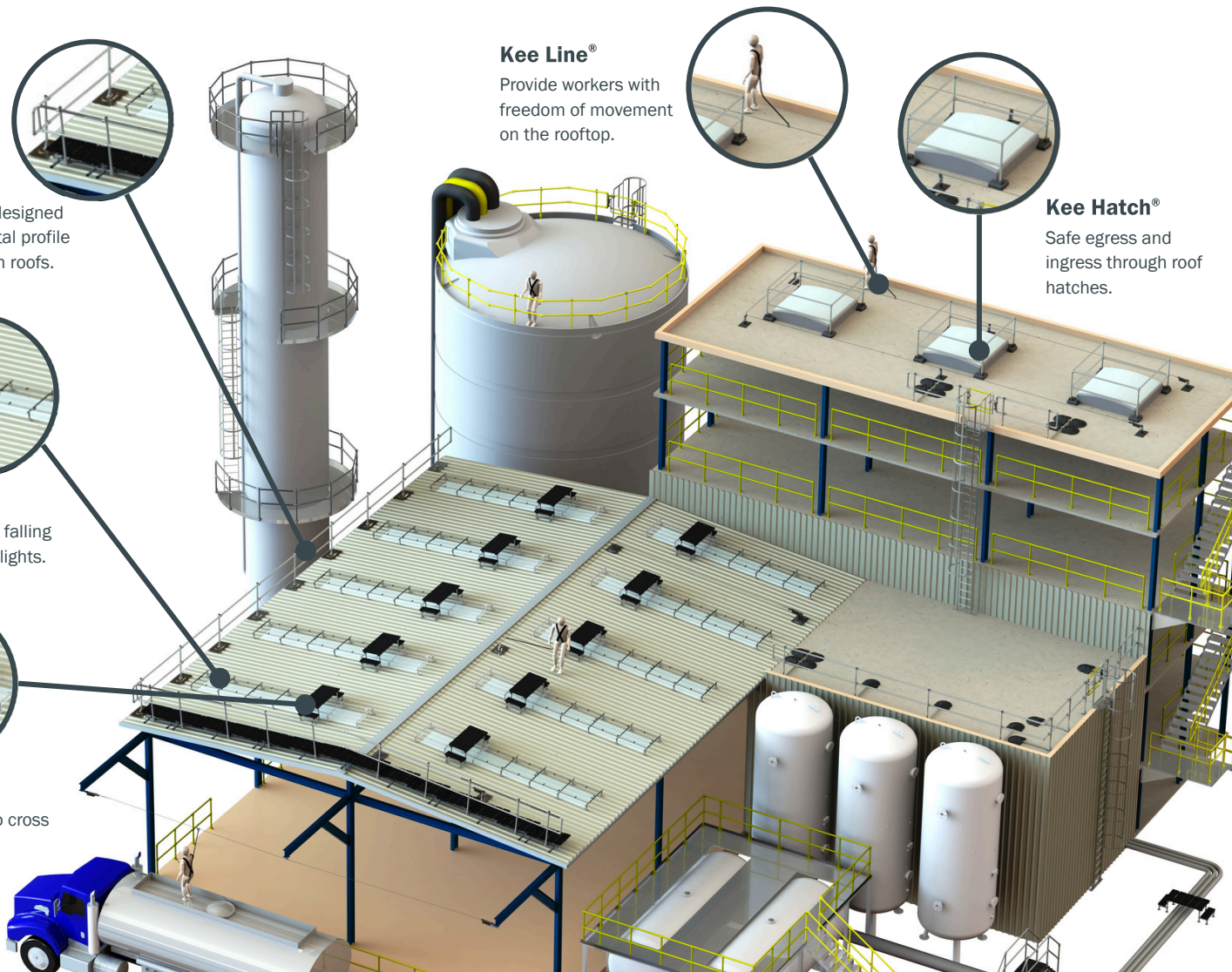
Create a safe way to cross roof obstructions.

Kee Line®

Provide workers with freedom of movement on the rooftop.

Kee Hatch®

Safe egress and ingress through roof hatches.



Kee Klamp®

Provides OSHA compliant railing on plant mezzanines and stairways.



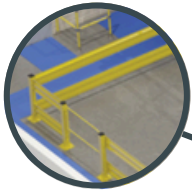
Kee Pivot®

Provides safe access to people who are loading and unloading goods from mezzanines.



Impact Safety Barriers

Creates a safe work environment by providing stopping power for forklifts and other plant traffic.



Kee Gate®

Provides fall protection for any openings, ladder access points, and restricted areas



Kee Platform®

Provides a safe and compliant access point that is custom fit to your facility



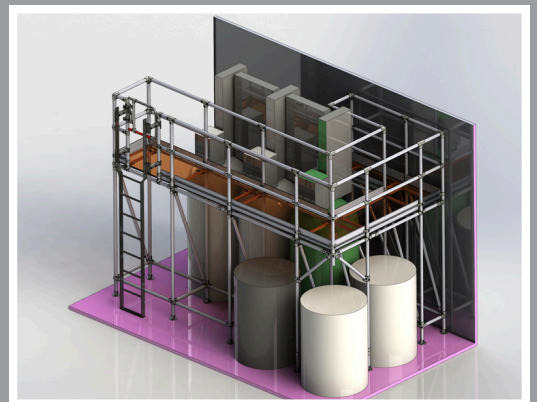
Kee Track®

An overhead track system that provides fall protection to people who working on top of mobile equipment.



Kee Safety products are widely used in food processing plant to enhance worker safety, particularly in environments where falls, slips, and access to elevated or hazardous areas are common.

We offer a wide range of products that meet or exceed the regulatory safety standards. The most common areas that require specific fall protection and safe access solutions will be demonstrated, illustrating how our products improve worker safety without causing any additional delays or inefficiencies in the production process.



Problems & Solutions



The Problem

Some common problems we encounter involve the height of certain machinery around the packing areas. This repetitive process can lead to overreaching and ergonomic issues.

The Solution

The mobile platform can be custom-built to suit unique assembly lines, allowing for proper reach and an ergonomically preferred design for workers.



The Problem

Elevated equipment like conveyors or tanks often lacks proper fall protection, exposing maintenance personnel to serious risks during routine tasks. Installing traditional safety systems can be challenging due to limited space and restrictions on hot work such as welding or drilling.



The Solution

Kee Safety offers modular, non-penetrating guardrail and access solutions that require no welding, preserve the integrity of existing structures, and can be installed quickly even in confined or sensitive environments. This ensures compliance, minimizes downtime, and most importantly, protects workers at height.

The Problem

In many high-speed bottling or packaging facilities, operators and maintenance staff often need to cross over conveyor lines to access different parts of the machinery or perform inspections. However, limited floor space and the continuous layout of the equipment make it difficult to move freely without interrupting operations.

This often leads to unsafe practices, such as climbing over equipment or using makeshift step-ups that lack proper fall protection. These actions increase the risk of slips, trips, and falls, especially in areas where floors may be wet or cluttered.

The Solution

The solution is a compact crossover platform specifically designed for tight spaces. These structures feature non-slip stairs, integrated handrails, toe boards, and a clearance height that allows conveyors to operate freely underneath. By optimizing vertical space, this solution ensures safe passage without expanding the footprint of the production area, enhancing both worker safety and process efficiency.



The Problem

Another common problem observed in food and beverage processing facilities is accessing the top of large vertical tanks or mixing vessels. Operators are often required to perform tasks such as sampling, inspection, or cleaning at heights, which can lead to unsafe practices like climbing fixed ladders without proper fall protection or working without guardrails. This increases the risk of falls and injuries, especially when handling heavy lids or operating in confined spaces.

The Solution

The solution is a custom access platform designed to surround the tank and provide safe, stable access to the top. This platform can include integrated guardrails, anti-slip surfaces, toe boards, and fall protection anchor points. It improves both worker safety and ergonomic efficiency, allowing tasks to be performed with proper posture and minimal strain.



The Problem

Accessing elevated rooftop areas for maintenance often presents multiple hazards, particularly when walking surfaces are uneven, slippery, or located near unprotected edges. In the case shown, workers required safe access across fragile roofing materials and level transitions between building sections, without compromising the roof's structure or requiring intrusive modifications.

The Solution

Kee Safety provided a modular walkway and guardrail system, including non-penetrating platforms, stairs, and edge protection. These systems were installed without welding or roof penetration, ensuring fast deployment while preserving the roof's integrity. The result is a compliant and secure access route that minimizes fall risks and enables safe maintenance on rooftops with varying levels and materials.

Reach out to discuss custom fall protection solutions tailored to your operational needs and ensure compliance at your food & beverage manufacturing facility!



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