



Precision Gears, Inc.

- EdgeGard™ Folding-Rail Dock Gate
- (3) – EdgeGard™ Straight-Rail Dock Gates
- Wilgard® Guard Rail
- (2) – Laddergard™ Safety Swing Gates
- Custom Safety Handrail

Safety First at Precision Gears



You could say that Ronald Vincze has a passion for safety.

Vincze, quality manager of Pewaukee, Wis.,-based Precision Gears, Inc., recently evaluated his facility with a critical eye on safety. One area that needed attention was the unprotected ledges on the loading dock in the shipping and receiving area.

Precision Gears (precisiongears.com) is a family run business that operates a state-of-the-art-gear manufacturing facility and is equipped with precision CNC turning, milling, broaching, gear cutting and grinding machinery. It is known as a job-shop manufacturer that meets its customers' specifications. It focuses on the manufacturing of short- and long-run, high-quality precision gears, parts and assemblies.

Vincze began by researching and consulting the Occupational Health and Safety Administration's website for information on unprotected edges. OSHA requires guarding for heights above 48", and after measuring the heights around his loading dock, Vincze believed it was time to look into outfitting the area with better guarding protection.

He returned to the Internet to research dock protection and the types of protective products that would protect Precision Gears employees, visitors and truck drivers from any potential dock accidents. Vincze analyzed numerous supplier websites, including several videos of Wildeck® guarding products on YouTube®. Coincidentally, Wildeck is located just a few miles from Precision Gears in the nearby city of Waukesha. The convenient location and extensive



Unprotected ledges (two inset photos) pose a significant safety hazard to workers, which is why Precision Gears turned to Wildeck® to install guard rail on its loading dock (lower photo).

product offering made Wildeck the right call for Vincze.

Jim Hathaway, Wildeck's guarding products specialist, put Vincze in touch with a local dealer, Jeff Keough, of Capital Equipment & Handling in Hartland, Wis.

"Wildeck focuses on building quality relationships," Hathaway said. "Together, the end user and dealer outlined the application and worked toward finding the best solution. My job is to ensure Wildeck customers get the right combination of products to protect their facility."

Wildeck and Capital Equipment worked

through the application and assessed the needs of Precision Gears' loading dock. Within three days, Vincze had a quote in hand with the recommendation of several Wildeck guarding products to meet his facility's safety requirements.

"I was incredibly happy with the customer service from Capital Equipment & Handling and Wildeck," he said. "I am a big believer in customer service and I could not be more impressed with the response time to get a quote for our project."

Ironically, he was actively working on getting protection installed in the loading dock area when OSHA came in

for a surprise visit to the Precision Gears facility.

As part of their report, OSHA identified that the company needed to add safety guarding protection to the loading dock area.

The loading dock is primarily used for shipping and receiving, including raw goods for manufacturing. Everything Precision Gears needs for manufacturing their products enters through this point in their facility. Albeit the loading dock is fairly typical, it is also equipped with overhead crane access for flatbed trucks. The dock also has a horseshoe configuration with various access points and multiple doors.

Four things to keep in mind with this application:

1. Many people access the area
2. The area has to allow navigation for material up to 30 feet in length
3. Fork truck and overhead cranes need mobility access
4. Delivery truck drivers access the area continually

“The goal was to fully protect the area and do it right the first time,” Vincze said. “I wanted to make sure that we had complete protection for our exposed edges for all of our employees. We went beyond the OSHA requirements and installed Wildeck products that protect the exposed edges, protect our employees and provide the access we need to get materials into our bay.”

A key feature about Wildeck’s guarding products that attracted Vincze is that they are manufactured from steel and are tested for impact resistance.

The variety of Wildeck safety products provided complete safety coverage to all of the access points on the company’s loading dock, while meeting the clearance requirements of the dock overhang and the overhead crane.

“The on-site visit by our dealer was so helpful in putting together a complete package to protect the entire area,” Hathaway said. “We were able to select from our full lineup of safety guarding solutions to create the product mix that would meet all of

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The EdgeGard Folding-Rail Dock Gates has a pivot point in the center of the gate that folds up and protects a wider opening.



Wildeck’s guard rail has a 13,000 pound impact rating, and uses corrugated 11 gauge steel for added strength.



The EdgeGard Straight-Rail design helps protect personnel and equipment from falling off wide truck pits and loading docks.

Wildeck, Inc., headquartered in Waukesha, WI, is the largest manufacturer of mezzanines, vertical lifts and safety guarding products for safe and efficient handling, storage and movement of materials. For more than 35 years, the company has grown through a dedicated and experienced network of customer-service-oriented dealers and systems integrators, nationwide.

For more information on the complete line of Wildeck® products and services, visit www.wildeck.com or e-mail info@wildeck.com.



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Precision Gears' specialized loading dock access needs."

"Wildeck products have an appealing look," Vincze said. "And being a strong steel product, we have confidence in them."

"All of the Wildeck products are working great," Vincze said. "We've had zero complaints from truck drivers or employees."

As with everything Wildeck produces, there is an assurance that comes with all designs. A guarantee that stems from the people who are committed to creating and delivering superior storing, lifting and guarding products that work where you need them, when you need them.

"We are very pleased with Wildeck's quality safety products," he said. "And the outstanding customer service we have received. We would definitely purchase from them again."

The Wildeck safety products protecting Precision Gears' loading dock include:

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Ronald Vincze, Quality Manager, Precision Gears, Inc.

