

## Worthington Cylinders

Columbus, OH

### Non Slip Steel Plates and Perforated Plate Increases Performance and Safety at Worthington Cylinders

Company: Worthington Cylinders

Location: Columbus, OH

Industry: Manufacturing

Website: [www.worthingtoncylinders.com](http://www.worthingtoncylinders.com)

*Worthington Industries processes steel for use in the automotive, construction, hardware, aerospace and many other industries. The global company has 82 facilities located in 11 counties, and has about 10,000 employees. Worthington often describes the company as “stability in motion,” meaning their customers can trust their products are of old-fashioned quality and reliability. Worthington Industries was founded in 1955, and today has been named one of the Most Admired Companies of their industry by Fortune Magazine.*

#### **The Situation:**

Worthington Cylinders sought **SlipNOT®** as a solution for slippery conditions caused by oil vapor surrounding the die machine in their Columbus, OH location.



#### **SlipNOT® Project Summary**

- 3/4" A36 Grade 2 and Grade 3 steel plates with a mill finish and Grade 2 steel perforated plate painted safety yellow
- The steel coating was installed around Worthington Cylinder's die machine, creating a slip resistant surface for employees.

### ***The Solution:***

In the manufacturing industry, slip and falls are the most frequent cause of non-fatal major injuries. Additionally, bodily reaction, which comprises injuries from slipping or tripping, is the third highest injury category, followed by falls to a lower level.

Non slip steel plate's and steel perforated plate are a cost-effective solution for slip resistant needs in many manufacturing facilities. For this project, **SlipNOT®** provided 3/4" Grade 2 A36 steel plates in a mill finish and a Grade 2 steel perforated plate which was painted safety yellow; they were attached to the floor around a die machine. The area where the plates were installed is where a roller-coater applies oil to parts and oil vapor eventually coats everything, when operators tighten the bolts on the die they would often face the potential to slip and fall.

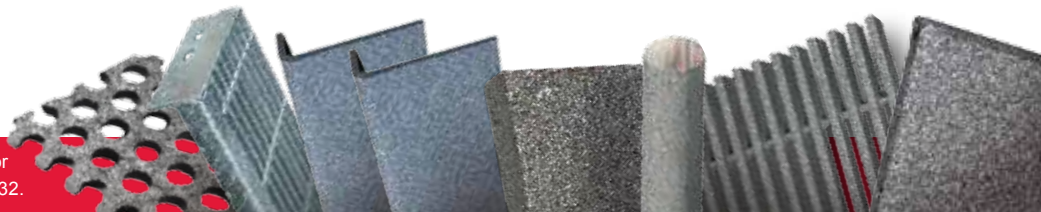
### ***The Impact:***

The supervisor reported that all the operators who work in relation to the die machine were impressed with the performance of the steel floor plates. They indicated they would be interested in purchasing more in other applications over time to continue to provide permanent solutions to slippery scenarios. Within three months of their first order, they ordered two additional Grade 3 mill finish steel plates. The additional plates serve as decking over a press pit that is 8' deep. An operator stands on the decking while running the machine, the existing decking would get very slippery when oil they use to make the parts would collect around the machine. The operators were so impressed with the first installation they were enthusiastic to have additional slippery areas in the facility be improved with the **SlipNOT®** surface.



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**SlipNOT®** Metal Safety Flooring products may be covered by one or more of the following patents; 5,711,119, 6,839,951 and 6,863,932.



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