

## Freeport-McMoRan Bayway Operations

*Elizabeth, NJ*

### Non Slip Perforated Metals Replace Gratings at Freeport-McMoRan Bayway Operations

Company: Freeport-McMoRan Bayway Operations

Location: Elizabeth, NJ

Industry: Metals and Mining

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

*Freeport-McMoRan Bayway Operations, located in Elizabeth, NJ, is a division of Freeport-McMoRan that produces ETP copper and oxygen free copper used for various applications. Servicing industries ranging from medicine to high voltage power generation and transmission, Freeport-McMoRan Bayway Operations provides copper solutions to meet fit customers needs.*

#### **The Situation:**

A representative from Freeport-McMoRan Bayway Operations contacted **SlipNOT®** to provide a perforated metal solution to an area around machinery where plastic gratings were easily damaged from heavy metals and were a slip hazard.



#### **SlipNOT® Project Summary**

- 1/4" x 43" x 51" Grade 2 steel perforated plate cut-to-size
- Freeport-McMoRan installed **SlipNOT®**'s non slip perforated plate around their slick machinery, providing a high traction surface for employees.

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

**SlipNOT®** worked closely with Freeport-McMoRan to determine the best perforated metal for the application. Steel perforated plate was chosen as the best solution. Perforated metals combine the solid surface of plate with the benefits of grating. Water and other liquids can drain through the plate, but debris and other items cannot. The steel perforated plate was fabricated to ¼" x 43" x 51" based on a drawing submitted by the customer. Freeport-McMoRan chose to have the plate painted black to protect against the rust and corrosion that can occur in wet and slick environments in machinery areas. Steel perforated metals and other plates may also be galvanized to prevent rust and corrosion as well.

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

**SlipNOT®** and Freeport-McMoRan worked together to find the best possible solution to their slick machinery area. Since the perforated plate was ordered in the specific size needed, installation was easily to do in the field without any further fabrication. The perforated plate was able to withstand the heavy metals used in daily operations and allowed for slip resistance in a slick area. Freeport-McMoRan can count on **SlipNOT®** slip resistant perforated metals to last for years to come without the slip resistant surface wearing or flaking off.

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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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