

# BELZONA ANGLE IRON BONDED INTO PLACE

ID: 25

Industry: Oil & Gas

Application: FPA-Floor Problem Areas

Substrate: Pre-stressed concrete and angle iron

Products: \* Belzona® 4911 (Magma TX Conditioner) ,  
\* Belzona® 4111 (Magma-Quartz) ,

Customer Location: Oil Refinery in Canada

Application Date: September 1998

## Problem

Concrete severely eroded. Exit end of concrete beam damaged by the impact of the scale bumping into the end of the scale sump wall.



## Photograph Descriptions

- \* Piece of 4 x 4 1/4 inch angle iron is prepared to be bonded into place. ,
- \* Substrate conditioned with Belzona® 4911 (Magma TX Conditioner). ,
- \* Angle iron strongly bonded into place with Belzona® 4111(Magma- Quartz). ,

## Application Situation

Scale beams of the refinery truck scale, originally installed in the 1970s.

## Application Method

Application was carried out in accordance with a modified version of Belzona Know-How Leaflet FPA-5.

## Belzona Facts

The Belzona system was chosen for its high adhesion, compressive strength, impact resistance and chemical resistance to hot asphalt oil which is occasionally spilled on the surface of the scale.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

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manufactured under an ISO  
9000 Registered Quality  
Management System.

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