

BELZONA PRE-STRESSED CONCRETE BEAMS

ID: 24

Industry: Oil & Gas
Application: TCC-Tanks and Chemical Containment Areas
Substrate: Pre-stressed concrete
Products: * Belzona® 4911 (Magma TX Conditioner) ,
* Belzona® 4111 (Magma-Quartz) ,

Customer Location: Oil Refinery in Canada
Application Date: September 1998

Problem

Concrete severely eroded over time.



Photograph Descriptions

- * Area of worst damage, re-bar and bottom metal spine being repaired. ,
- * Application in progress. Note the polyethylene covered plywood being used as a former. ,
- * Completed repair. ,

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 TCC-9.

Belzona Facts

The cost of replacement versus repair of the beams was a key factor. The ability to force-cure the product with heat resulted in reduced downtime.

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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