# **BELZONA REPAIRS A CORRODED STORAGE TANK**

ID: 4185

Industry: Oil & Gas Customer Location: Oil storage and transportation company.

Rio de Janeiro, Brazil

Application: TCC-Tanks and Chemical Containment Application Date: November 2011

Areas

Substrate: Mild Steel

Products: \* Belzona 1111 (Super Metal),

#### Problem

Exposure to oil and sea water at a maximum temperature of 75°C caused corrosion pitting and loss of wall thickness.









## **Photograph Descriptions**

- \* General view of the tank TQ-1010.,
- \* Top view of the tank.,
- \* Presence of corrosion.,
- \* Tank wall area during Belzona 1111 application.,

#### **Application Situation**

Presence of corrosion in tank containing oil and sea water.

## **Application Method**

The application was carried out in accordance with Belzona Know-How System Leaflet TCC-1 as a guide. The surface was abrasive blasted and then Belzona 1111 was applied to repair the damaged areas.

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

ISO 9001:2015 Belzona products are
FS 695214 manufactured under an ISO
ISO 14001:2015 9000 Registered Quality
EMS 695213 Management System.

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## **Belzona Facts**

Conventional welding was not a suitable option due to the unsafe conditions to the facilities and people. The Belzona technology allowed a cold repair solution, without deformation or thermal distortions and with no operational hazards. Belzona 1111 is corrosion restant and provides exellent protection to the surface it is applied to.

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