

CO2 ABSORPTION TOWER GETS BELZONA PROTECTION

ID: 405

Industry: *General Industry*
Application: *TCC-Tanks and Chemical Containment Areas*
Substrate: *Carbon Steel*
Products: ** Belzona® 1391 (Ceramic HT),*

Customer Location: *Refinery - Argentina*
Application Date: *October 2002*

Problem

Severe corrosion on the interior of the tower due to the presence of MDEA and subsequent production of carbonic acid.



Photograph Descriptions

- * View of the tower before being taken into a shop for the application. ,
- * A high level of quality control was implemented during the surface preparation phase of the application, as well as with the rest of the job. ,
- * View of the final application. The Belzona® 1391 was applied in two coats. Sandblasting was carried out in between the first and second coat. ,

Application Situation

CO2 Absorption Tower

Application Method

Modified version of Belzona Know-How System Leaflet TCC-5.

Belzona Facts

The use of the Belzona® 1391 afforded the customer a proven coating system that is capable of providing a cost-effective solution resistant to the chemical attack and any possible galvanic effects.

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

Belzona products are
manufactured under an ISO
9000 Registered Quality
Management System.

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