

CO2 ABSORPTION TOWER GETS BELZONA PROTECTION

ID: 405



PROBLEM

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

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.

INDUSTRY

General Industry

LOCATION

Refinery - Argentina

APPLICATION DATE

October 2002

PRODUCTS

Belzona 1391 (Ceramic HT)

SUBSTRATE

Carbon Steel

PHOTOS

1. View of the tower before being taken into a shop for the application.
2. 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.
3. View of the final application. The Belzona 1391 was applied in two coats. Sandblasting was carried out in between the first and second coat.

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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