

# BELZONA RELINES ABSORBER TOWER IN PETROCHEMICAL PLANT

ID: 134

**Industry:** Chemical & Petrochemical  
**Application:** TCC-Tanks and Chemical Containment Areas  
**Substrate:** Carbon Steel  
**Products:** \* Belzona® 1311(Ceramic R-Metal) ,  
\* Belzona® 1321(Ceramic S-Metal) ,

**Customer Location:** Petrochemical Complex in Venezuela  
**Application Date:** March 1995

## Problem

Erosion of the tower lining by the fluids it contained had previously been repaired by the clients own staff. Surface preparation had not been sufficiently good and the repair had failed by peeling.



## Photograph Descriptions

- \* The absorber tower ,
- \* Internal scaffolding erected and surfaces prepared ,
- \* The repair in its final stages ,

## Application Situation

MEA-CO2 Absorber tower - 18m high, 2.3m diameter in Ammonia Plant

## Application Method

In accordance with Belzona Know-How Leaflet TCC-5.

## Belzona Facts

Replacement of the absorber tower would have been costly, both in time and in money. Welding the eroded areas presented a safety risk, due to the volatile mix of chemicals in the surrounding location. The decision to go with a Belzona repair system saved the company over £70,000, many weeks of lost capacity and provided a hazard-free solution.

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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