

BELZONA 1391 PROTECTS ABSORBER TOWER

ID: 145



PROBLEM

MDEA is used at a temperature of 120°C (250°F) in this absorber and severe corrosion is experienced.

APPLICATION SITUATION

Absorber tower used to remove CO₂ from waste gases.

APPLICATION METHOD

Application was carried out in accordance with Belzona System Leaflets TCC-5 & HEX-3.

BELZONA FACTS

Belzona chosen to repair critical areas as alternative to re-plating which was very much more costly and would have taken four times as long. Structure planned to be replaced after six months. In fact, replacement would have delayed for 12 months at which time Belzona® 1391 was still in perfect condition. Belzona® 1391 used on new absorber tower.

INDUSTRY

General Industry

LOCATION

Steel producer in Indonesia.

APPLICATION DATE

May 1996

PRODUCTS

Belzona 1391

SUBSTRATE

Steel

PHOTOS

1. General view of the absorber tower.
2. Work underway inside the absorber.
3. Application of Belzona 1391 by applicator.

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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