

ABSORBER REPAIRED AND PROTECTED WITH BELZONA

ID: 3240

Industry: Chemical & Petrochemical
Application: TCC-Tanks and Chemical Containment Areas

Customer Location: Major chemical manufacturer, UK
Application Date: July 2010

Substrate: Steel

Products: * Belzona® 1121 (Super XL Metal) Belzona® 1391 (Ceramic HT),

Problem

The bubbler throat on the absorber had developed a number of holes within the vessel compartment due to substrate erosion/corrosion.



Photograph Descriptions

* Absorber throat extensively damaged by corrosion Steel plates being bonded onto the absorber using Belzona® 1121 Cold bonding completed Completed application with Belzona® 1391 coating applied. ,

Application Situation

Badly corroded throat area in absorber.

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflets TCC-1 & TCC-5. A total of 16 handleable sections of pre-formed mild steel plate were cold bonded to the substrate using Belzona® 1121 to completely encapsulate the affected areas. Once the Belzona had cured, the plates were frost blasted and the entire repair area was protected with Belzona® 1391 to prevent further damage.

Belzona Facts

The application was completed within three days providing the client with minimum downtime and disruption to the facility. The Belzona was selected for its excellent erosion-corrosion resistance at elevated temperatures.

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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