

ABSORBER REPAIRED AND PROTECTED WITH BELZONA

ID: 3240



PROBLEM

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

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.

INDUSTRY

Chemical & Petrochemical

LOCATION

Major chemical manufacturer, UK

APPLICATION DATE

July 2010

PRODUCTS

Belzona 1121 (Super XL Metal) Belzona 1391 (Ceramic HT)

SUBSTRATE

Steel

PHOTOS

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.

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

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