

## ABSORBER REPAIRED AND PROTECTED WITH BELZONA

### CUSTOMER

Major chemical manufacturer, UK

### APPLICATION DATE

July 2010

### APPLICATION SITUATION

Badly corroded throat area in absorber.

### PROBLEM

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

### PRODUCTS

Belzona® 1121 (Super XL Metal)

Belzona® 1391 (Ceramic HT)

### SUBSTRATE

Steel

### 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.

### PICTURES

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



1.



2.



3.



4.

For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



ISO 9001:2008  
Q 09335  
ISO 14001:2004  
EMS 509612

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