

BELZONA REPAIR EROSION/CORROSION DAMAGE TO ABSORBER

CUSTOMER

Chemical Plant - Northwest UK

APPLICATION DATE

June 2010

APPLICATION SITUATION

Carbon Steel Bubbler Hood

PROBLEM

Extensive damage to equipment caused by erosion corrosion issues.

PRODUCTS

Belzona 1121 (Super XL Metal)

Belzona 1391 (Ceramic HT)

SUBSTRATE

Carbon Steel

APPLICATION METHOD

This application was carried out with a modified version of Belzona Know-How System Leaflet TCC-5. After surface preparation was completed by grit blasting Belzona 1121 was used utilising its extended working life to bond the large contoured plates to damaged area then Belzona 1391 was applied to give maximum protection to process conditions.

BELZONA FACTS

The only other solution would to have replaced with new equipment incurring huge costs in craneage, downtime and manpower. Belzona provided a satisfactory long term solution with minimal downtime.

PICTURES

1. Bubbler Hood post blasting
2. Bonding of plates using Belzona 1121
3. Bonding of new dome piece
4. Overcoating of application using Belzona 1391



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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