

BELZONA STANDS THE TEST OF TIME

CUSTOMER

Petrochemical Plant, Louisiana U.S.A.

APPLICATION DATE

September 2003, September 2008

APPLICATION SITUATION

Rebuild and protect the tube sheets on the faces of chiller. Also returned five years later for customer to inspect and to coat the channel box and baffle.

PROBLEM

Tube sheet was suffering from bi-metallic corrosion and channel box was suffering from erosion/corrosion.

PRODUCTS

Belzona® 1111 (Super-Metal)

Belzona® 1321 (Ceramic S-Metal)

SUBSTRATE

Carbon steel sheet, copper tubing

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet HEX-1, HEX-2 & HEX-3.

BELZONA FACTS

The unit was one of three identical units at this facility. Once opened, the customer was satisfied with the performance of the Belzona coating and allowed a second application on the 'sister' unit. The customer also allowed for the channel boxes to be coated, and for the existing tube sheet to be coated with another layer of Belzona® 1321. This application will extend the life of both chillers for many years, and saved the customer \$275,000 per unit in replacement costs.

PICTURES

1. Tube sheet revisited after 5 years
2. Existing Belzona repaired blasted and channel box coated for first time
3. Fully restored tube sheet with second application of Belzona
4. Rear of chiller shown fully corked and coated, waiting for corks to be removed



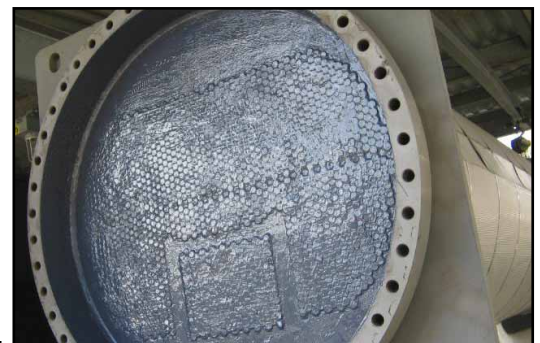
1.



2.



3.



4.

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



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