

BELZONA TUBE SHEET AND END COVER REPAIR

ID: 31



PROBLEM

The tube bundle and end cover of a heat exchanger at a local refinery was badly eroded.

APPLICATION SITUATION

Tube bundle and water box

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How Leaflets HEX-1, HEX-2 and HEX-3.

BELZONA FACTS

All faces of the tube sheets were rebuilt using teflon and a steel plate as a former. The use of Belzona saved a replacement cost of approximately \$24,000.

INDUSTRY

Chemical & Petrochemical

LOCATION

Refinery in Alabama

APPLICATION DATE

January 1996

PRODUCTS

Belzona 1111 (Super Metal)

Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Steel

PHOTOS

1. Eroded tube bundle prior to the repair
2. Repaired tube sheet
3. End cover rebuilt

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

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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