# BELZONA TUBE SHEET AND END COVER REPAIR

ID: 31

Industry: Chemical & Petrochemical Customer Location: Refinery in Alabama
Application: HEX-Heat Exchangers Application Date: January 1996

Substrate: Steel

Products: \* Belzona® 1111 (Super Metal),

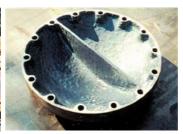
\* Belzona® 1321 (Ceramic S-Metal),

#### **Problem**

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







#### **Photograph Descriptions**

- \* Eroded tube bundle prior to the repair ,
- \* Repaired tube sheet ,
- \* End cover rebuilt,

## **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.

For more examples of Belzona Know - How In Action, please visit https://khia.belzona.com

ISO 9001:2015 Belzona products are
FS 695214 manufactured under an ISO
ISO 14001:2015 9000 Registered Quality
EMS 695213 Management System.

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Repair • Protect • Improve