

# BELZONA repairs and protects a heat exchanger against erosion/corrosion

ID: 5160

Industry: Oil & Gas

Customer Location: Oil refinery "Ukratnafta" in  
Kremenchug city, Ukraine

Application: HEX-Heat Exchangers

Application Date: July 2011

Substrate: Stainless steel

Products: \* Belzona 1311 (Ceramic R-Metal) ,  
\* Belzona 1391 (Ceramic HT) ,

## Problem

Problems due to high temperatures and erosion caused by particle flow



## Photograph Descriptions

- \* Erosion/corrosion of the heat exchanger ,
- \* Geometry repaired using Belzona 1311 ,
- \* Repaired surfaces of the heat exchanger after the application of Belzona 1311 and Belzona 1391 ,

## Application Situation

Erosion/corrosion on surfaces of the heat exchanger

## Application Method

The application was carried out according to Belzona Know-How System Leaflet HEX-1 and HEX-3

## Belzona Facts

Tube sheet surface has been restored and coated with Belzona within two days. Belzona application allowed to protect the heat exchanger from future erosion and corrosion, thus avoiding replacement.

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

ISO 9001:2015

FS 695214

ISO 14001:2015

EMS 695213

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
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