

# BELZONA SAVES MONEY ON OIL-COOLER REPAIRS

ID: 1404

Industry: Power  
Application: HEX-Heat Exchangers  
Substrate: Carbon Steel  
Products: \* Belzona® 1111 (Super Metal) ,  
\* Belzona® 1391 (Ceramic HT) ,

Customer Location: Nuclear Power Plant, Russia  
Application Date: 2005

## Problem

*Due to the high temperature liquids, the sealing areas were eroded and corroded. Flanges, tubesheet and water box have been further damaged by corrosion.*



## Photograph Descriptions

- \* Corroded tube sheet before application ,
- \* First coat of Belzona® 1391 ,
- \* Forming of sealed faces ,
- \* Rebuilding water box division bar with Belzona® 1111 ,

## Application Situation

Oil cooler operating at up to 120°C

## Application Method

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

## Belzona Facts

The repaired equipment was inspected in 2009 and showed no signs of corrosion or erosion. The Belzona system allowed full sealing on the previously corroded seal faces. Cost of these repairs is minimal in comparison with new equipment that would cost 80.000 €. A Testimonial letter from customer is available.

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  
Management System.

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