

BELZONA SAVES MONEY ON OIL-COOLER REPAIRS

CUSTOMER

Nuclear Power Plant, Russia

APPLICATION DATE

2005

APPLICATION SITUATION

Oil cooler operating at up to 120 °C

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.

PRODUCTS

Belzona® 1111 (Super Metal)

Belzona® 1391 (Ceramic HT)

SUBSTRATE

Carbon Steel

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.

PICTURES

1. Corroded tube sheet before application
2. First coat of Belzona® 1391
3. Forming of sealed faces
4. Rebuilding water box division bar with Belzona® 1111



1.



2.



3.



4.

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



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