

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

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manufactured under an ISO
9000 Registered Quality
Management System.

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