

CONDENSER REPAIRED WITH BELZONA

ID: 5156

Industry: Steel & Metal Processing

Customer Location: Metallurgy Complex, Thermal Power Station, Vologda region, Russia

Application: HEX-Heat Exchangers

Application Date: April 2010

Substrate: Cast iron

Products: * Belzona 1311 (Ceramic R-Metal) ,
* Belzona 1321 (Ceramic S-Metal) ,
* Belzona 9111 (Cleaner/Degreaser) ,

Problem

Machine was in service for a long time, which resulted in unacceptable tube sheet wear (thinning, in some places up to 5-7 mm from the original thickness of 40 mm)



Photograph Descriptions

- * Grit blasting of the metal ,
- * Corks placed in the holes, application of Belzona 1311 ,
- * Machining of the finished application ,
- * Application of Belzona 1321 ,

Application Situation

Deformation of the tube sheets due to bimetallic corrosion and erosion

Application Method

The application was carried out in accordance to Belzona Know-How System Leaflet HEX-1. The repair was completed in 10 days by a team of 4 specialists

Belzona Facts

The customer was provided with an innovative 2-coat protection within a short timescale, which guarantees long term service life of his asset.

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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