

BELZONA REPAIRS LEAKING HEAT EXCHANGER TUBE SHEETS

ID: 1622



PROBLEM

Severe erosion and galvanic corrosion between copper tubes and steel tube sheet.

APPLICATION SITUATION

Various oil & air coolers of marine vessel

APPLICATION METHOD

Applications were carried out in accordance with Belzona Know-How System Leaflets HEX-1 and HEX-3.

BELZONA FACTS

Customer chose the Belzona method because alternatives were either expensive replacement of the equipment or time consuming machining repair to replace the tube sheets. The repair with Belzona was completed in three days and almost ten times lower in cost than replacement.

INDUSTRY

Marine

LOCATION

Maritime repair agent, Bulgaria

APPLICATION DATE

December, 2010

PRODUCTS

Belzona 1311 (Ceramic R-Metal)

Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Steel & Copper

PHOTOS

1. The severe damage clearly evident
2. After grit blasting, the eroded tube sheet was rebuilt with Belzona 1311
3. The coolers after application of Belzona 1321
4. Further air coolers were also repaired

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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