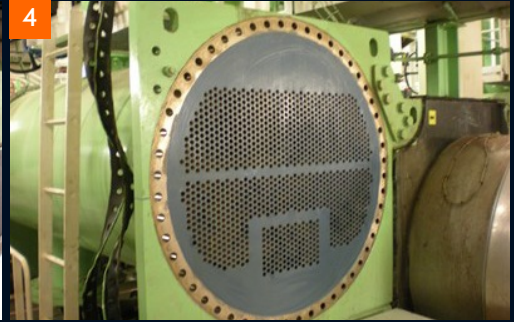


BELZONA REFURBISHES HEAT EXCHANGER ON CRUISE LINER

ID: 4263



PROBLEM

The heat exchanger tube sheet was found to be corroded, with isolated pitting in the division bar seal face.

APPLICATION SITUATION

Large seawater-cooled chiller, providing onboard comfort cooling.

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflets HEX-1 and HEX-3. corrosion pitting was rebuilt with Belzona® 1121 before applying Belzona® 1321 for overall corrosion protection.

BELZONA FACTS

This application was also completed on two other luxury liners in the company's fleet, both with great success. The applications were carried out on site, with minimal downtime and the solvent-free solution proved to be of great benefit due to the confined location of the heat exchanger on-board the cruise liner. As of 2017, the company managing the HVAC components revealed that the Belzona systems were still in excellent condition, praising the good work of the Belzona application team.

INDUSTRY

Marine

LOCATION

Luxury cruise liner, UK

APPLICATION DATE

September 2012

PRODUCTS

Belzona 1121 (Super XL-Metal)
Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Cupronickel

PHOTOS

1. The luxury cruise liner
2. Damaged tube face
3. Application of Belzona 1321
4. Completed application

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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