

BELZONA REPAIRS AND PROTECTS HEAT EXCHANGER FROM CORROSION

CUSTOMER

Havelock, ON, Canada

APPLICATION DATE

April 2014

APPLICATION SITUATION

Tube sheets and end covers of a heat exchanger.

PROBLEM

Pitting corrosion and bi-metallic corrosion caused leakage.

PRODUCTS

Belzona 1111 (Super Metal)

Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Steel and Copper

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet HEX-1 for repairing eroded-corroded tube sheets and HEX-3 for applying erosion-corrosion resistant coatings. The surface was abrasive blasted to prepare the area for application. Belzona 1111 was applied to the surfaces of the tube sheets and end covers to fill any pitting and damage using an applicator. Belzona 1321 was applied to the surfaces using a brush to protect against corrosion.

BELZONA FACTS

Belzona 1111 can be applied without the need for specialist tools. It will bond to almost any surface and can be machined using conventional tools. This multi-purpose repair composite will not corrode and is resistant to a wide range of chemicals. Belzona 1321 can be applied without the need for specialist tools and will bond tenaciously to a wide range of substrates. This multipurpose polymeric coating will not corrode and has outstanding resistance to a wide range of chemicals.

PICTURES

1. Prior to application
2. Prior to application
3. Application in progress
4. Completed application



1.



2.



3.



4.

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



ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

Belzona products are
manufactured under an ISO
9000 Registered Quality
Management System.

UK • USA • Canada • Thailand
www.belzona.com


BELZONA[®]
Repair • Protect • Improve