

BELZONA SAVES HEAT EXCHANGER FROM COSTLY REPLACEMENT

ID: 5219

Industry: Heating, Ventilation & Air Conditioning

Application: HEX-Heat Exchangers

Substrate: Stainless Steel

Products: * Belzona 1311 (Ceramic R-Metal) ,

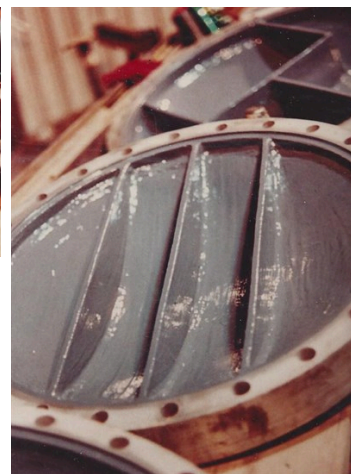
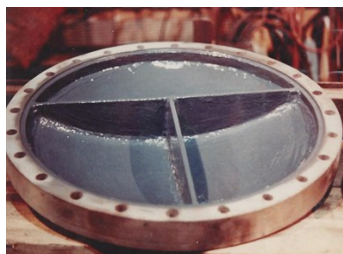
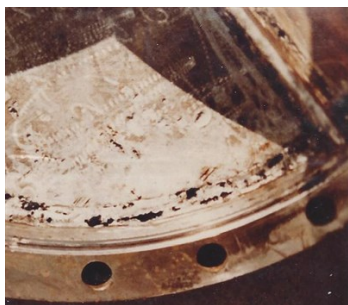
* Belzona 1321 (Ceramic S-Metal) ,

Customer Location: Alaska, USA

Application Date: 1983

Problem

All ten heat exchangers had been replaced just one year ago. The covers were stainless steel but were welded with a carbon steel rod, setting up electrolysis. Replacements would take more than 3 months to build and a cost of downtime at \$70,000.00 per day. With Belzona, all ten were rebuilt in just seven days. They were opened one year later and the heat exchangers were found to be in perfect condition.



Photograph Descriptions

- * End cover showing electrolysis ,
- * Close up of damage ,
- * & 4. Completed application on end cover ,

Application Situation

Heat exchanger covers.

Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet HEX-2.

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

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

www.belzona.com

**BELZONA**
Repair • Protect • Improve

Belzona Facts

The alternative was ten new heat exchangers costing over \$500,000.00 plus several millions of dollars in downtime. Instead, all of the ten heat exchangers were rebuilt in seven days with Belzona, costing only \$15,000.00.

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