

BELZONA REPAIRS TUBE SHEETS OF A HEAT EXCHANGER

ID: 5220

Industry: Heating, Ventilation & Air Conditioning

Application: HEX-Heat Exchangers

Substrate: Stainless steel and Titanium

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

* Belzona 1321 (Ceramic S-Metal) ,

Customer Location: Alaska, USA

Application Date: 1983

Problem

One year old tube sheets were already leaking around the tubes. Electrolysis has eaten away much of the tube sheet and plate.



Photograph Descriptions

- * Tube sheet with corks inserted ,
- * Applying Belzona 1311, then two coats of Belzona 1321 ,
- * Breaking corks loose with wood dowel ,
- * Pulling corks with a cork screw ,

Application Situation

Heat exchanger tube sheets.

Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet HEX-1.

Belzona Facts

The alternative was ten new heat exchangers costing over \$500,000.00 plus several millions of dollars in downtime. With Belzona,

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ISO 9001:2015

FS 695214

ISO 14001:2015

EMS 695213

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

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all ten of the heat exchangers were rebuilt in seven days using only \$15,000.00, saving time and money.

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