

A COST EFFECTIVE SOLUTION TO SEVERE PITTING - 11 YEARS LATER: PERFECT

ID: 252

Industry: Oil & Gas
 Application: HEX-Heat Exchangers
 Substrate: Carbon steel
 Products: * Belzona® 1311 (Ceramic R-Metal) ,
 * Belzona® 1321 (Ceramic S-Metal) ,

Customer Location: Gas plant - Alberta, Canada
 Application Date: May 1990

Problem

Severe pitting at froth line top and side walls.



Photograph Descriptions

- * Amine Reboiler ,
- * Grit blasted, surface checked for impurities and salts ,
- * Application of Belzona® 1311 and Belzona® 1321 completed ,
- * Inspected one year later. Scaling of chemicals used in the process, when scraped off, revealed Belzona application was still in excellent condition. ,

Application Situation

Amine reboiler heat exchanger

Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet HEX-3.

Belzona Facts

The Belzona System was more cost effective than the alternative of a metalizing spray weld repair. The repair has held up and the heat exchanger is still in operation, 11 years later.

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.

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