

# BELZONA MATERIALS RECONDITION AIR CONDITIONER

ID: 79

**Industry:** General Industry

**Customer Location:** Property Management Company in South-Eastern U.S.A.

**Application:** HEX-Heat Exchangers

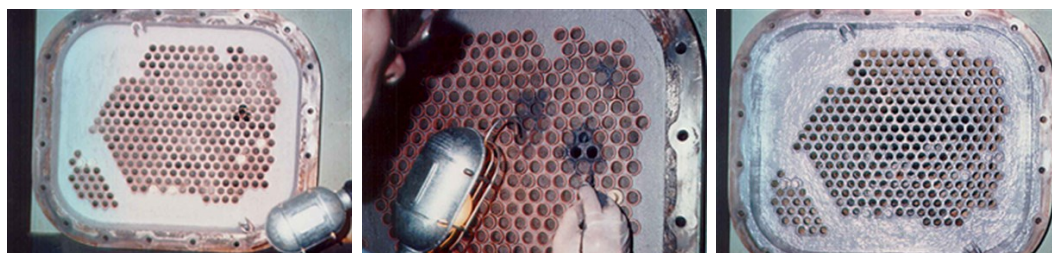
**Application Date:** February 1995

**Substrate:** Steel and Copper

**Products:** \* Belzona® 1311 (Ceramic R-Metal) ,  
\* Belzona® 1321 (Ceramic S-Metal) ,

## Problem

The tube sheet had suffered erosion/corrosion damage to the extent that three tubes no longer made contact with the sheet.



## Photograph Descriptions

- \* Original condition of the tube sheet showing three tubes not in contact with the sheet ,
- \* Tube sheet surface being prepared ,
- \* The sheet, restored to full working order ,

## Application Situation

H.V.A.C. tube sheet repair

## Application Method

Application was carried out in accordance with Belzona Know-How Leaflet HEX-1.

## Belzona Facts

The customers only alternative would have been to remove all the tubes and replace the sheet at a cost of \$33,000. The Belzona solution cost less than \$1,000.

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

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manufactured under an ISO  
9000 Registered Quality  
Management System.

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