

# BELZONA RESTORES CORRODED HEAT EXCHANGER

ID: 4196

Industry: General Industry  
Application: HEX-Heat Exchangers  
Substrate: Carbon Steel  
Products: \* Belzona® 1311 (Ceramic R Metal) ,  
\* Belzona® 1341 (Supermetalgilde) ,

Customer Location: Hotel, Egypt  
Application Date: April 2006

## Problem

*The tube sheet was badly corroded. Particularly deep erosion on tube sheet around the tubes.*



## Photograph Descriptions

- \* The original corrosion damage ,
- \* After Surface Preparation ,
- \* Belzona 1311 application ,
- \* Completed Belzona 1341 application ,

## Application Situation

Tube Sheet from chiller unit

## Application Method

This application was carried out in accordance with Belzona Know-How System Leaflets HEX-1 and HEX-3. Belzona 1311 was used to rebuild the damaged area and Belzona 1341 was used to protect it.

## Belzona Facts

The Belzona repair method allowed application to be carried out in situ with minimal disruption. The Belzona system has a proven track record of providing long term corrosion protection on such equipment.

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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