

# BELZONA PROTECTS HEAT EXCHANGER HEAD

ID: 1355

Industry: Chemical & Petrochemical  
Application: HEX-Heat Exchangers  
Substrate: Carbon steel  
Products: \* Belzona® 1391 (Ceramic HT) ,

Customer Location: Chemical plant - Gulf Coast, USA.  
Application Date: August 2009

## Problem

Severe corrosion occurring due to source water. corrosion rate estimated at 0.05" (1.25mm) per year.



## Photograph Descriptions

- \* ,
- \* The rapid metal loss through corrosion clearly evident ,
- \* Surface preparation completed ,
- \* Close up of application ,
- \* Completed head ,
- \* ,
- \* ,

## Application Situation

Heat exchanger end cover.

## Application Method

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

## Belzona Facts

Belzona® 1391 provides excellent erosion corrosion protection at elevated temperatures. This application will ensure continued service for many years avoiding the need to replace the equipment when corrosion losses impact on safe operation.

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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