

## BELZONA PROTECTS HEAT EXCHANGER HEAD

### CUSTOMER

Chemical plant - Gulf Coast, USA.

### APPLICATION DATE

August 2009

### APPLICATION SITUATION

Heat exchanger end cover.

### PROBLEM

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

### PRODUCTS

Belzona® 1391 (Ceramic HT)

### SUBSTRATE

Carbon steel

### 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.

### PICTURES

1. The rapid metal loss through corrosion clearly evident
2. Surface preparation completed
3. Close up of application
4. Completed head



For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



ISO 9001:2008  
Q 09335  
ISO 14001:2004  
EMS 509612

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