

# IMMACULATE BELZONA HEAT EXCHANGER REPAIR

ID: 2259

Industry: Oil & Gas  
 Application: HEX-Heat Exchangers  
 Substrate: Bronze  
 Products: \* Belzona® 1391 (Ceramic HT),

Customer Location: Major oil company, South Norway  
 Application Date: December 2007

## Problem

Surface of the tubesheet was badly corroded and required protection before leakage became an issue.



## Photograph Descriptions

- \* Gritblasted Tubesheet ,
- \* Belzona® 1391 applied to the tubesheet surface ,
- \* Former plate coated with Belzona® 9411 assembled ,
- \* Completed Application, one perfectly formed and protected tubesheet ,

## Application Situation

Tube sheet from oil cooler on offshore production platform.

## Application Method

Application was carried out in accordance with Belzona System Leaflet HEX-1. Following gritblasting Belzona® 1391 was applied to the tubesheet. A special made former plate coated with Belzona® 9411 (Release agent) was assembled with 2mm spacers to ensure coating thickness. After 24 hours cure time the former was removed and the tubesheet put back into service.

## Belzona Facts

The customer needed a quick and cost effective solution to this common problem. The tubesheet has been in service for over 3 years now and is still in perfect condition.

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ISO 9001:2015  
 FS 695214  
 ISO 14001:2015  
 EMS 695213

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