

# BELZONA SEALS HEAT EXCHANGER AT METHANOL PLANT

ID: 1630

Industry: *Chemical & Petrochemical*  
Application: *HEX-Heat Exchangers*  
Substrate: *Carbon steel*  
Products: *\* Belzona® 1511 (Super HT Metal) ,*

Customer Location: *Chemical plant, Iran*  
Application Date: *December 2010*

## Problem

*There was a lot of leakage between tubes and sheet due to galvanic corrosion.*



## Photograph Descriptions

- \* Workers corking the tubes ,
- \* Close up ,
- \* Tube sheet face rebuilt with Belzona® 1511 ,
- \* Completed application after removal of corks ,

## Application Situation

Heat exchanger with temperature around 150°C used in the Methanol process.

## Application Method

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

## Belzona Facts

The high heat resistance of Belzona® 1511 ensured long term adhesion to the hot substrate. The Belzona repair saved both time and costs over the alternative of welding or re-tubing.

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

ISO 9001:2015  
Q 09335  
ISO 14001:2015  
EMS 509612

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

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