

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
FS 695214
ISO 14001:2015
EMS 695213

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

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