

BELZONA® 1591 PROTECTS HEAT EXCHANGERS

ID: 108

Industry: Oil & Gas
Application: HEX-Heat Exchangers
Substrate: Steel
Products: * Belzona® 1591 ,

Customer Location: Oil Refinery in Oman
Application Date: January 1999

Problem

Severe erosion-corrosion of the tube sheet and end cover caused by the hot Hydrocarbon mixture.



Photograph Descriptions

- * The degree of erosion clearly evident on the end cover ,
- * Application of Belzona® 1591 underway ,
- * Application to tube sheet completed. End cover awaiting coating. ,

Application Situation

Heat exchanger designed to operate up to 150°C (300°F)

Application Method

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

Belzona Facts

The Belzona® 1591 was the only coating known to withstand the erosion-corrosion at the high temperatures involved. Three further units have since been treated.

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.

www.belzona.com


BELZONA®
Repair • Protect • Improve