# **BELZONA® 1591 PROTECTS HEAT EXCHANGERS**

ID: 108

Industry: Oil & Gas Customer Location: Oil Refinery in Oman

Application: HEX-Heat Exchangers Application Date: January 1999

Substrate: Steel

Products: \* Belzona® 1591,

#### 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

Belzona products are
FS 695214

ISO 14001:2015

Belzona products are
manufactured under an ISO
9000 Registered Quality
EMS 695213

Management System.

