

BELZONA 1591 PROTECTS HEAT EXCHANGERS

ID: 108



PROBLEM

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

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.

INDUSTRY

Oil & Gas

LOCATION

Oil Refinery in Oman

APPLICATION DATE

January 1999

PRODUCTS

Belzona 1591

SUBSTRATE

Steel

PHOTOS

1. The degree of erosion clearly evident on the end cover
2. Application of Belzona 1591 underway
3. Application to tube sheet completed. End cover awaiting coating.

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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