

BELZONA 1391 PROTECTS CATALYTIC CRACKER

ID: 109



PROBLEM

Extensive erosion-corrosion on the shell wall caused by the hot hydrocarbon mixture.

APPLICATION SITUATION

The light ends tower within the Catalytic Cracker.

APPLICATION METHOD

Application was carried out in accordance with Belzona System Leaflet TCC-5.

BELZONA FACTS

Metal loss, if allowed to continue, would have led to the structural integrity of the wall being compromised. Repair or replacement would have led to a major shutdown of the refinery with its major associated loss of revenues. The Belzona products lent themselves to application within the confines of the tower and allowed its return to service with minimal downtime.

INDUSTRY

Oil & Gas

LOCATION

Oil Refinery, U.K.

APPLICATION DATE

1996

PRODUCTS

Belzona 1311 (Ceramic R-Metal)
Belzona 1391

SUBSTRATE

Carbon steel

PHOTOS

1. General view of the application site
2. Application of Belzona 1391 underway
3. View through the manway showing confined working conditions
4. Application completed with hatch covers also coated with Belzona 1391

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

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under an ISO 9001 Registered
Quality Management System.

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