

# BELZONA® 1391 PROTECTS CATALYTIC CRACKER

ID: 109

**Industry:** Oil & Gas  
**Application:** TCC-Tanks and Chemical Containment Areas

**Customer Location:** Oil Refinery, U.K.

**Application Date:** 1996

**Substrate:** Carbon steel

**Products:** \* Belzona® 1311 (Ceramic R-Metal) ,  
\* Belzona® 1391 ,

## Problem

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



## Photograph Descriptions

- \* General view of the application site ,
- \* Application of Belzona® 1391 underway ,
- \* View through the manway showing confined working conditions ,
- \* Application completed with hatch covers also coated with Belzona® 1391 ,

## 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.

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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