

LOWER HALF OF KNOCK OUT VESSEL PROTECTED WITH BELZONA

ID: 489



PROBLEM

Internal erosion corrosion in lower section caused by sour water. Vessel regularly steamed out.

APPLICATION SITUATION

Liquid knock out for flare gases. Also exposed to MEK, Toluene and gasoline.

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflet TCC-5. Belzona® 1311 was used to repair pitting (particularly in 4-8 o'clock positions) and to smooth out weld repairs after which the lower half of the vessel was coated with Belzona® 1391.

BELZONA FACTS

Previous coating had failed. Belzona had previously been used for local repairs before this shut-down and had proven itself in the environment.

INDUSTRY

Chemical & Petrochemical

LOCATION

Oil Refinery-Australia

APPLICATION DATE

May 2004

PRODUCTS

Belzona 1311 (Ceramic R-Metal)
Belzona 1391 (Ceramic HT Metal)

SUBSTRATE

Steel

PHOTOS

1. Typical limited access to vessel through manway
2. Application of Belzona 1391 underway
3. Completed application

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

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