

BELZONA PROTECTS HORIZONTAL FLARE KNOCK OUT VESSEL

ID: 487



PROBLEM

Corrosion in lower third of vessel where water sits. Vessel removes liquid hydrocarbon drop-out, H₂S and traces of HF.

APPLICATION SITUATION

Horizontal flare knock-out vessel. Normal operating temperature is maximum 60°C, but occasional peaks to 80°C for short periods.

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflet TCC-5. After thorough cleaning, the vessel was grit blasted and coated with the Belzona® 5891.

BELZONA FACTS

Belzona® 5891 provides excellent protection to a wide range of hydrocarbons and other chemicals at the elevated temperatures anticipated in this vessel.

INDUSTRY

Chemical & Petrochemical

LOCATION

Oil Refinery-Australia

APPLICATION DATE

May 2004

PRODUCTS

Belzona 5891 (HT Immersion Grade)

SUBSTRATE

Steel

PHOTOS

1. Access to vessel
2. & 3. Localised pitting being infilled
4. Completed application to lower section of the vessel

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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