

BELZONA PROTECTS NEW BUILD DESALTER

CUSTOMER

Humber Refinery, UK

APPLICATION DATE

January 2014

APPLICATION SITUATION

Humber refinery required erosion and corrosion protection of the bottom third of a new electrostatic desalter vessel.

PROBLEM

New build electrostatic desalter required erosion-corrosion protection of the bottom third due to the settling of solids and impurities. With an operating temperature of 146°C (295°F), pressure of 200 psi and steam out conditions of 204°C (400°F), Belzona 1591 was the product of choice.

PRODUCTS

Belzona 1591 (Ceramic XHT)

SUBSTRATE

Carbon steel

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflet TCC-5. Belzona 1591 applied to the bottom third of the vessel.

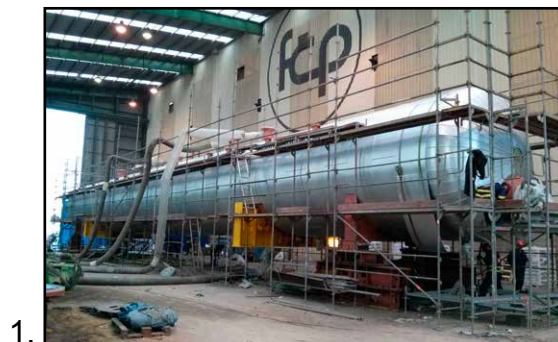
BELZONA FACTS

The sheer size of the vessel (35.6 m (117 ft) long x 3.6 m (11'9" ID) required a dedicated team from Belzona to train and validate the application contractor, provide field support with a coating inspector and a bilingual project supervisor.

The lining project was successfully completed in March 2014 to the required specification and schedule agreed with the client. In the future such projects will be completed with Belzona 1593, which offers significant benefits in application ease.

PICTURES

1. Desalter
2. Substrate fully grit blasted
3. Application in process
4. Finished application



For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



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Q 09335
ISO 14001:2004
EMS 509612

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