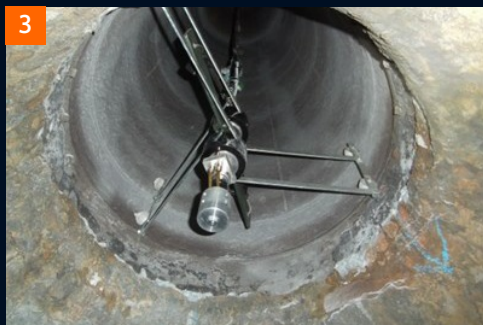


FLARE STACK PROTECTED WITH HT BELZONA LINING

ID: 5656



PROBLEM

Following a successful trial application, the customer decided to use Belzona 1523 as the product can handle high operating temperatures and could be applied in the difficult, on-site location.

APPLICATION SITUATION

The Flare Stack required a corrosion protection to withstand temperatures of up to 120°C (250°F). The Flare Stack is approximately 1 m (3.2 ft) in diameter and 100 m (328.1 ft) in height.

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet TCC-5. After a high pressure jet-wash, the surface was prepared with spin-blasting and followed by 3 coats of Belzona 1523. The spin spray application of approximately 300 L of product was monitored via screens.

BELZONA FACTS

A mock-up test was initially set-up at a location in Singapore, which was used to develop the setting up of the spin-spray equipment in order to determine the travel speed, number of passes and required film thickness, as well as to demonstrate how the application would be conducted during the shutdown.

INDUSTRY

Oil & Gas

LOCATION

Singapore

APPLICATION DATE

May 2015

PRODUCTS

Belzona 1523

SUBSTRATE

Steel

PHOTOS

1. Flare Stack
2. Application monitored
3. Spin spray set up
4. Application complete

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.

www.belzona.com

