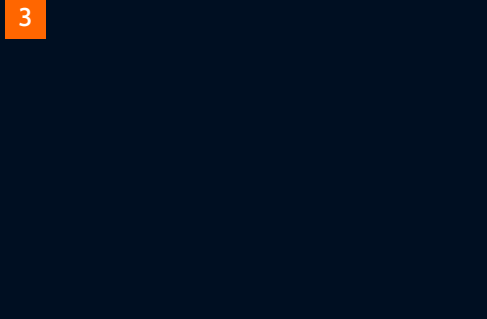


BELZONA PROTECTS GAS SEPARATOR FROM PITTING CORROSION

ID: 4505



PROBLEM

Severe pitting corrosion in the internal wall of the vessel due to presence of sour gas.

APPLICATION SITUATION

Feed gas liquid separator

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflets TCC-5. Areas of severe corrosion and pitting were identified and repaired using Belzona 1111 and then coated with Belzona 1321.

BELZONA FACTS

By using the Belzona solution, the corroded areas of the separator were repaired and protected from further corrosion. The vessel has been operated with H₂S present for a further 6 years without defects being found.

INDUSTRY

Oil & Gas

LOCATION

Natural Gas Plant, South West China

APPLICATION DATE

July, 2009

PRODUCTS

Belzona 1111 (Super Metal)

Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Carbon Steel

PHOTOS

1. Internal wall of the vessel before application
2. Pitting corrosion in the wall
3. Completed application
4. Inspection after 6 years

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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