

BELZONA PROTECTS GAS SEPARATOR FROM PITTING CORROSION

CUSTOMER

Natural Gas Plant, South West China

APPLICATION DATE

July, 2009

APPLICATION SITUATION

Feed gas liquid separator

PROBLEM

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

PRODUCTS

Belzona 1111 (Super Metal)

Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Carbon Steel

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.

PICTURES

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



1.



2.



3.



4.

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



ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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