

BELZONA PROTECTS GAS SEPARATOR FROM PITTING CORROSION

ID: 4505

Industry: Oil & Gas
 Application: TCC-Tanks and Chemical Containment Areas
 Substrate: Carbon Steel
 Products: * Belzona 1111 (Super Metal) ,
 * Belzona 1321 (Ceramic S-Metal) ,

Customer Location: Natural Gas Plant, South West China
 Application Date: July, 2009

Problem

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



Photograph Descriptions

- * Internal wall of the vessel before application ,
- * Pitting corrosion in the wall ,
- * Completed application ,
- * Inspection after 6 years ,

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

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

ISO 9001:2015
 FS 695214
 ISO 14001:2015
 EMS 695213

Belzona products are
 manufactured under an ISO
 9000 Registered Quality
 Management System.

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BELZONA
 Repair • Protect • Improve

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.

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