BELZONA NEW GENERATION HIGH TEMPERATURE LINING PROTECTS DESULFURIZATION UNIT

ID: 5648

Industry: Oil & Gas Customer Location: Natural Gas Purification Plant, South

East of China

Application: TCC-Tanks and Chemical Containment Application Date: November 2014

Areas

Substrate: Carbon Steel

Products: * Belzona 1511@Super HT-Metal@,

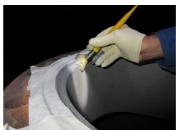
* Belzona 1593,

Problem

The vessel operates at 150°C (302°F) and 1.6 MPa (232 psi) pressure. The amine media, rich in H2S, is extremely corrosive, leading to severe pitting and thinning of the vessel wall, thereby increasing operational risks.









Photograph Descriptions

- * Interior of the vessel before surface preparation ,
- * Surface preparation by grit blasting under way,
- * Rebuilding pitted areas with Belzona 1511,
- * Finished application with 2 coats of Belzona 1593 after inspection ,

Application Situation

Reboiler in the Desulfurization unit.

Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet TCC-5. Belzona 1511 was used to fill the pitted areas and two (2) coats of Belzona 1593 were applied for overall corrosion protection.

Belzona Facts

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

ISO 9001:2015 Belzona products are
FS 695214 manufactured under an ISO
ISO 14001:2015 9000 Registered Quality
EMS 695213 Management System.

www.belzona.com



For more examples of Belzona Know - How In Action, please visit https://khia.belzona.com SO 9001:2015 Belzona products are				000
The life of this piece of equipment was operated in the provided by Belzona 1593 wi			t. More importantly, the e	xcellent corrosion