

Belzona Provides Internal Corrosion Protection for Gravity Separators

ID: 8232

Industry: Oil & Gas

Customer Location: Natural Gas Purification Plant in Southwest China

Application: TCC-Tanks and Chemical Containment Areas

Application Date: July 2009

Substrate: Carbon steel

Products: * Belzona 1111 (Super Metal) ,
* Belzona 1321 (Ceramic S-Metal) ,

Problem

The base and top of the separator have been subjected to erosion and corrosion for a long time, and a large amount of pitting corrosion has emerged.



Photograph Descriptions

- * Separator inner wall before application ,
- * Inner coating completed ,
- * Coating integrity reviewed in 2010 ,
- * Coating thickness reviewed in 2015 ,

Application Situation

Natural gas plant raw material gravity separator.

Application Method

Application carried out in accordance with Belzona Know-How System Leaflet TCC-5. Belzona 1111 to repair the pitting defects and then apply Belzona 1321 to complete the application.

Belzona Facts

The original pitting corrosion of the tank wall was repaired. The base and the head of the separator was protected with Belzona 1321, which effectively improved the erosion-corrosion resistance ability of the gravity separator. After 6 years of service, the

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ISO 9001:2015

FS 695214

ISO 14001:2015

EMS 695213

Belzona products are
manufactured under an ISO
9000 Registered Quality
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coating is still integrated and the thickness stays the same.

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