

## 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

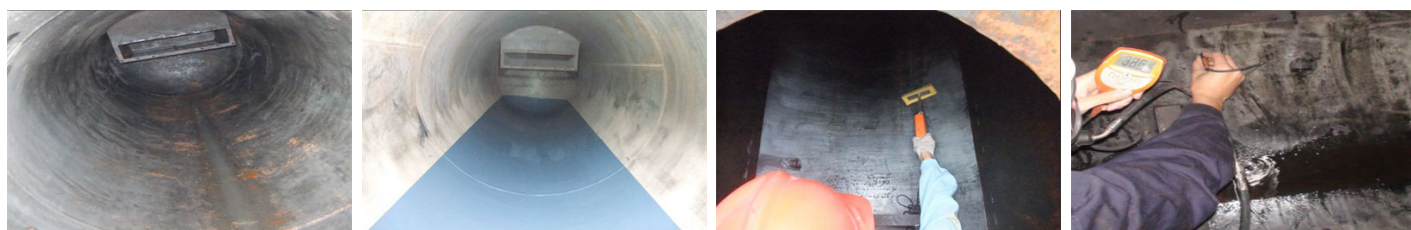
Application Date: July 2009

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

Belzona products are

FS 695214

manufactured under an ISO

ISO 14001:2015

9000 Registered Quality

EMS 695213

Management System.

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coating is still integrated and the thickness stays the same.

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