

## BELZONA PROVIDES INTERNAL CORROSION PROTECTION FOR GRAVITY SEPARATORS

### CUSTOMER

Natural Gas Purification Plant in Southwest China

### APPLICATION DATE

July 2009

### APPLICATION SITUATION

Natural gas plant raw material gravity separator.

### 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.

### PRODUCTS

Belzona 1111 (Super Metal)

Belzona 1321 (Ceramic S-Metal)

### SUBSTRATE

Carbon steel

### 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 coating is still integrated and the thickness stays the same.

### PICTURES

1. Separator inner wall before application
2. Inner coating completed
3. Coating integrity reviewed in 2010
4. Coating thickness reviewed in 2015



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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