

BELZONA PROVIDES INTERNAL CORROSION PROTECTION FOR GRAVITY SEPARATORS

ID: 8232



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.

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 coating is still integrated and the thickness stays the same.

INDUSTRY

Oil & Gas

LOCATION

Natural Gas Purification Plant in Southwest China

APPLICATION DATE

July 2009

PRODUCTS

Belzona 1111 (Super Metal)
Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Carbon steel

PHOTOS

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

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