

BELZONA PROTECTS NEW-BUILD SEPARATOR

ID: 8255



PROBLEM

The original design for the separator is to use Incoloy825 composite panels, however, considering the general project cost, the client decided to use Belzona interior coating to replace composite panels.

APPLICATION SITUATION

Six new-build natural gas separators(Size:DN4000 X 30000(T/T));
Operating pressure: 1.1Mpa; Operating temperature: 80 °C; Media: Acidic natural gas.

APPLICATION METHOD

Application carried out in accordance with Belzona Know-How System Leaflet TCC-5. The erosion area at the bottom of the separator and the brackets are protected with high-temperature erosion-corrosion resistance coating—Belzona 1391T, while other large areas are spray-coated with Belzona 5892.

BELZONA FACTS

Based on many successful applications Belzona has in acidic gas treatment industry, Belzona coating system was used by the client to replace Incoloy825 composite panels, saved 60% of project cost for the client.

INDUSTRY

Oil & Gas

LOCATION

China

APPLICATION DATE

2019

PRODUCTS

Belzona 5892
Belzona 1391T

SUBSTRATE

Carbon steel

PHOTOS

1. Exterior of the separator
2. Pre-coating Belzona 1391T
3. Spray applying Belzona 5892
4. Application complete

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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