

BELZONA PROTECTS NEW-BUILD SEPARATOR FOR NATURAL GAS PLANT

CUSTOMER

China

APPLICATION DATE

2019

APPLICATION SITUATION

Four new-build natural gas separators(Size: DN4000 X 30000(T/T)); Operating pressure: 1.1Mpa; Operating temperature: 100 °C; Media: Acidic natural gas.

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.

PRODUCTS

Belzona1391S

Belzona1391T

SUBSTRATE

Carbon steel

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 1391S.

BELZONA FACTS

Based on many successful applications Belzona has in the acidic gas treatment industry, Belzona coating system was used by the client to replace Incoloy825 composite panels, saved 40% of project cost for the client.

PICTURES

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



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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