

# Belzona Protects New-build Separator

ID: 8255

Industry: Oil & Gas  
Application: TCC-Tanks and Chemical Containment Areas  
Substrate: Carbon steel  
Products: \* Belzona 5892 ,  
\* Belzona 1391T ,

Customer Location: China  
Application Date: 2019

## 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.



## Photograph Descriptions

- \* Exterior of the separator ,
- \* Pre-coating Belzona 1391T ,
- \* Spray applying Belzona 5892 ,
- \* Application complete ,

## 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

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

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to replace Incoloy825 composite panels, saved 60% of project cost for the client.

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