

# Belzona Protects New-build Separator for Natural Gas Plant

ID: 8256

Industry: Oil & Gas  
Application: TCC-Tanks and Chemical Containment Areas  
Substrate: Carbon steel  
Products: \* Belzona1391S,  
\* Belzona1391T,

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 1391S ,
- \* Application complete ,

## 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.

## 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

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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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client to replace Incoloy825 composite panels, saved 40% of project cost for the client.

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