

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

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