

# FULL PROTECTION OF DEHYDRATOR WITH BELZONA LINING AND NOZZLE INSERTS

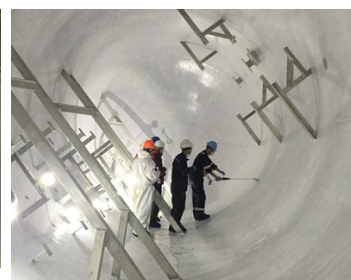
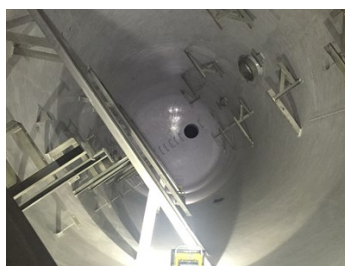
ID: 6449

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

Customer Location: Oil & Gas Asset Owner, China  
Application Date: December 2016

## Problem

Newly fabricated vessel which was required to have an internal protective coating.



## Photograph Descriptions

- \* 1.Grit blasting to Near White Metal cleanliness levels ,
- \* 2. Placing the nozzle inserts ,
- \* 3. Application of the second coat ,
- \* 4. Inspecting for holidays or discontinuities via spark testing ,

## Application Situation

This dehydrator needed full internal protection, which included a Belzona fit-for-service lining and Belzona inserts for small bore nozzles. The vessel was designed for operating temperature levels of 20C (68F) minimum, 58 C (136 F) normal, and 70 C (158 F) maximum. The chemical service was crude oil, water and sour gas.

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet TCC-5 and TCC-16b . Pre-formed nozzle inserts were fabricated and bonded into small bore nozzles to ensure continuity of protection.

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

ISO 9001:2015  
FS 695214  
ISO 14001:2015  
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## Belzona Facts

Using the Belzona internal coating and nozzle inserts solution, the vessel will have a longer service life.

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