

# FULL PROTECTION OF DEHYDRATOR WITH BELZONA LINING AND NOZZLE INSERTS

ID: 6449



## PROBLEM

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

## 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.

## BELZONA FACTS

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

## INDUSTRY

Oil & Gas

## LOCATION

Oil & Gas Asset Owner, China

## APPLICATION DATE

December 2016

## PRODUCTS

Belzona 1391T

## SUBSTRATE

Carbon Steel

## PHOTOS

- 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

For more examples of Belzona Know-How in Action, please visit [khia.belzona.com](http://khia.belzona.com)

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