

# BELZONA 1593 LINING PROTECTION OF LIQUID-LIQUID HYDROCYCLONE

ID: 6391

**Industry:** Oil & Gas  
**Application:** TCC-Tanks and Chemical Containment Areas  
**Substrate:** Carbon Steel  
**Products:** \* Belzona 1593 ,

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

## Problem

Newly fabricated liquid-liquid hydrocyclone to be protected against corrosion.



## Photograph Descriptions

- \* 1.Before Grit Blasting ,
- \* 2.Application of the 2nd coat of Belzona1593 in light grey ,
- \* 3.HVT Testing ,
- \* 4.Completed Application ,

## Application Situation

Two hydrocyclones MBM-0400/5 were specified to be protected with a Belzona fit-for-service lining. Operating parameters included design temperature 193C (380°F) and service was produced water.

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet TCC-5 for protecting steelwork. After grit blasting to achieve Sa2.5 (SSPC-SP10) , Belzona 1511 was used to smoothen the welding areas with poor finish and a two-coat system of Belzona 1593 was brush-applied to the vessel surface.

## Belzona Facts

Using Belzona internal coating , the vessel will have a longer service life.

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

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9000 Registered Quality  
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