

BELZONA PROTECTS BRINE SEPARATOR

ID: 4794



PROBLEM

Corrosion pitting and erosion was taking its toll.

APPLICATION SITUATION

The vessel had previously been patch repaired with Belzona 1591 HT Ceramic during shutdowns and was now slated for a complete refurbishment.

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet TCC-01. The surface of the vessel was blasted to a 3-4mil profile using aluminum oxide blasting grit. The pitted areas of the vessel were rebuilt with Belzona 1511, a high temperature rebuilding compound specifically formulated for these types of applications. The rebuilt areas were brush blasted prior to over coating. After strip coating all internal weld areas and outer edges, complete vessel and man cover were protected with Belzona 1521.

BELZONA FACTS

Protecting the inside of the tank with Belzona 1521 will extend the vessels' useable life.

INDUSTRY

Oil & Gas

LOCATION

Oil Company, Canada

APPLICATION DATE

2009

PRODUCTS

Belzona 1511 (Super HT-Metal)
Belzona 1521 (HTS1)

SUBSTRATE

Mild Steel

PHOTOS

1. Surface after blasting to 3-4mil profile
2. Pitted areas were brush blasted prior to over coating
3. Completed application

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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