

BELZONA SOLUTIONS FOR INTERNAL COATING OF VESSEL

ID: 9754



PROBLEM

A refurbished fabricated vessel required an internal coating to provide long-term protection against erosion and corrosion in immersed conditions. The test separator works with hydrocarbons with operating temperature around 100 degrees Celsius

APPLICATION SITUATION

Process vessels are essential components, and any issues must be promptly addressed. Corrosion and erosion weaken the equipment, increasing the risk of leaks, which can compromise safety, cause environmental pollution, and result in substantial economic losses.

APPLICATION METHOD

The application followed Belzona Know-How System Leaflets TCC-5, TCC-16a, and TCC-16b. A two-coat system of Belzona 1391T was applied for internal lining, with all vessels coated at the fabricator's yard.

BELZONA FACTS

By using Belzona internal coating instead of alloy, the client reduced project costs by 50%. The application, carried out per Belzona International standards, was thoroughly inspected by certified Belzona inspectors.

INDUSTRY

Oil & Gas

LOCATION

DUBAI, UNITED ARAB EMIRATES

APPLICATION DATE

December 2024

PRODUCTS

Belzona 1391T

SUBSTRATE

Carbon steel

PHOTOS

1. The vessel suffered corrosion and erosion.
2. Work in progress for the full vessel.
3. During the application of Belzona 1391T in the vessel, the applicator followed Belzona Know-How System Leaflets TCC-5, TCC-16a, and TCC-16b.
4. A two-coat system of Belzona 1391T was achieved for the vessel's internal lining.

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

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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