

SCRUBBER FILTER FRAMES REPAIRED PROTECTED WITH BELZONA

ID: 3317



PROBLEM

The environment contains up to 2,6 mg/Nm³ phosphoric acid which leads to severe corrosion problems.

APPLICATION SITUATION

20 scrubber filter frames from a gas filtering unit. Each unit made from 316L stainless steel had a surface area of 2.9m².

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet TCC-5. For the coating application, the standards DIN 28051, 28053 and 55128 were applied. Before the application, the surfaces were gritblasted to a minimum depth of profile of 75 microns.

BELZONA FACTS

The customer already knew Belzona and wanted to protect his filters with Belzona® 1321 which has the required acid and erosion resistance. The filters were repaired and protected in just three days which met the clients tight schedule.

INDUSTRY

General Industry

LOCATION

Phosphoric acid producer, Morocco

APPLICATION DATE

January 2012

PRODUCTS

Belzona 1311 (Ceramic R-Metal) Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Stainless steel

PHOTOS

Scrubber filter frame before the application
Filter frame gritblasted
Application in progress
Application to one of the scrubber filter frames completed.

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

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