

## SCRUBBER FILTER FRAMES REPAIRED PROTECTED WITH BELZONA

### CUSTOMER

Phosphoric acid producer, Morocco

### APPLICATION DATE

January 2012

### APPLICATION SITUATION

20 scrubber filter frames from a gas filtering unit. Each unit made from 316L stainless steel had a surface area of 2.9m<sup>2</sup>.

### PROBLEM

The environment contains up to 2,6 mg/Nm<sup>3</sup> phosphoric acid which leads to severe corrosion problems.

### PRODUCTS

Belzona® 1311 (Ceramic R-Metal)

Belzona® 1321 (Ceramic S-Metal)

### SUBSTRATE

Stainless steel

### 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 grit blasted 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.

### PICTURES

1. Scrubber filter frame before the application
2. Filter frame grit blasted
3. Application in progress
4. Application to one of the scrubber filter frames completed



1.



2.



3.



4.

For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



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