## SCRUBBER FILTER FRAMES REPAIRED PROTECTED WITH BELZONA

ID: 3317

Industry: General Industry Customer Location: Phosphoric acid producer, Morocco

Application: TCC-Tanks and Chemical Containment Application Date: January 2012

Areas

Substrate: Stainless steel

Products: \* Belzona® 1311 (Ceramic R-Metal) Belzona® 1321 (Ceramic S-Metal),

**Problem** 

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









# **Photograph Descriptions**

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

## **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.

For more examples of Belzona Know - How In Action, please visit https://khia.belzona.com

ISO 9001:2015 Belzona products are
FS 695214 manufactured under an ISO
ISO 14001:2015 9000 Registered Quality
EMS 695213 Management System.

BELZONA®
Repair • Protect • Improve