

BELZONA PROTECTS ION-EXCHANGE FILTER

CUSTOMER

Power Plant, Moscow, Russia

APPLICATION DATE

November 2008

APPLICATION SITUATION

Interior coating of ion-exchange filter used to produce water for boilers

PROBLEM

There were blisters, holes and layer of salts under the original polymeric coating after more than 50 years of service. When old coating was removed many corrosion pits in the substrate were detected.

PRODUCTS

Belzona® 1111 (Super Metal)

Belzona® 5811 (Immersion Grade)

SUBSTRATE

Mild Steel

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflet TCC-5. Deep holes were welded. Small areas of corrosion pitting was rebuilt with Belzona® 1111. Coating was applied by heated airless spray.

BELZONA FACTS

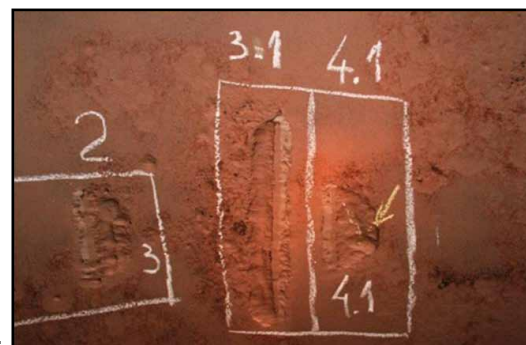
Customer had good experience with Belzona in the past and was impressed with this application. Faulty filter with many corroded holes was fully restored, well protected and had good finish. Furthermore, high standard of surface preparation and application achieved by contractor assured client of long term protection to this critical equipment.

PICTURES

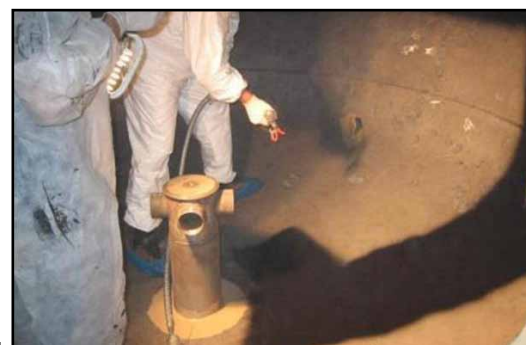
1. Inside the filter
2. Damaged areas within the filter
3. Spraying Belzona® 5811
4. Completed application



1.



2.



3.



4.

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



ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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9000 Registered Quality
Management System.

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