

BELZONA PROTECTS ION-EXCHANGE FILTER

ID: 1295

Industry: Power
Application: TCC-Tanks and Chemical Containment Areas
Substrate: Mild Steel
Products: * Belzona 1111 (Super Metal) ,
* Belzona 5811 (Immersion Grade) ,

Customer Location: Power Plant, Moscow, Russia
Application Date: November 2008

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.



Photograph Descriptions

- * Inside the filter ,
- * Damaged areas within the filter ,
- * Spraying Belzona 5811 ,
- * Completed application ,

Application Situation

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

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.

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

ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

Belzona products are
manufactured under an ISO
9000 Registered Quality
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