

BELZONA RECLAIMS RUBBER LINING OF WATER FILTER IN STEAM GENERATOR

ID: 78

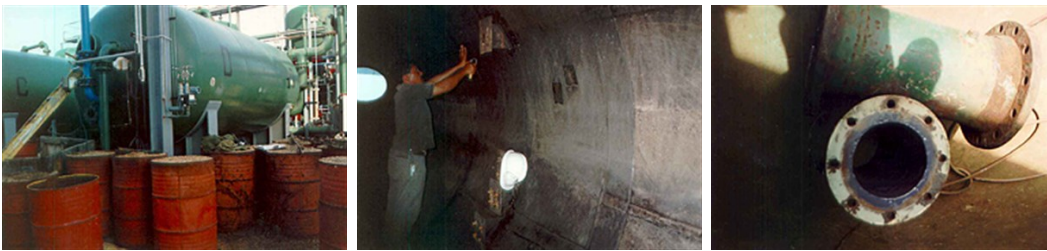
Industry: *General Industry*
Application: *TCC-Tanks and Chemical Containment Areas*

Customer Location: *Steam Generating Plant in Venezuela*
Application Date: *February 1996*

Substrate: *Rubber, Stainless Steel*
Products: ** Belzona® 2111(D & A Hi-Build Elastomer) ,
* Belzona® 2131(D & A Fluid Elastomer) ,
* Belzona® 1311(Ceramic R-Metal) ,
* Belzona® 1321(Ceramic S-Metal) ,
* Belzona® 1211(E-Metal) ,*

Problem

The original rubber lining was cracked, particularly at the points where it was anchored to the substrate. As a result the filter leaked and lost efficiency.



Photograph Descriptions

- * External view of water filter ,
- * Preparing the surface of the rubber lining ,
- * Flange faces repaired ,

Application Situation

Rubber lined water filter; 6.7m long, 3.5m diameter

Application Method

In accordance with Belzona Know-How Leaflets TCC-3 and VPF-13.

Belzona Facts

Hot vulcanising the damaged areas of the rubber lining was ruled out as being too hazardous in a plant powered by natural gas. The

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

Belzona products are
manufactured under an ISO
9000 Registered Quality
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Belzona coating also gave enhanced efficiency of about 9% over the rated performance. Replacing the unit would have cost in excess of £125,000 compared with Belzona costs of £8,000.

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