

# BELZONA RECLAIMS RUBBER LINING OF WATER FILTER IN STEAM GENERATOR

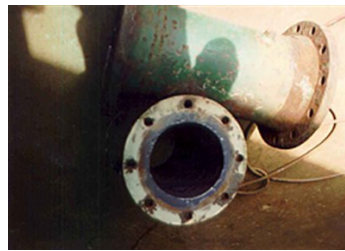
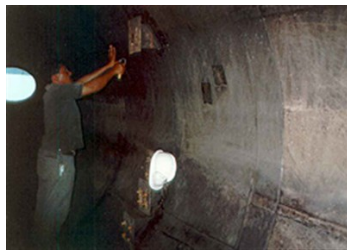
ID: 78

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

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

## 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

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  
Management System.

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**BELZONA®**  
Repair • Protect • Improve

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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