

## BELZONA RECLAIMS RUBBER LINING OF WATER FILTER IN STEAM GENERATOR

### CUSTOMER

Steam Generating Plant in Venezuela

### APPLICATION DATE

February 1996

### APPLICATION SITUATION

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

### 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.

### 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)

### SUBSTRATE

Rubber, Stainless Steel

### APPLICATION METHOD

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

### BELZONA FACTS

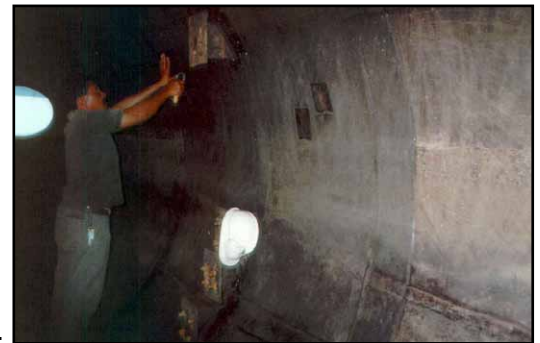
Hot vulcanising the damaged areas of the rubber lining was ruled out as being too hazardous in a plant powered by natural gas. The Belzona coating also gave enhanced efficiency of about 9% over the rated performance. Replacing the unit would have cost in excess of £125,000 compared with Belzona costs of £8,000.

### PICTURES

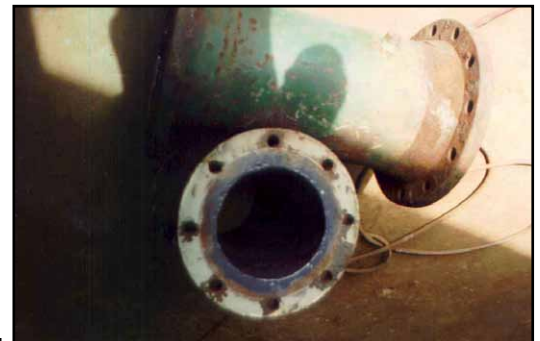
1. External view of water filter
2. Preparing the surface of the rubber lining
3. Flange faces repaired



1.



2.



3.

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



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