

BELZONA RECLAIMS RUBBER LINING OF WATER FILTER IN STEAM GENERATOR

ID: 78



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.

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 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.

INDUSTRY

General Industry

LOCATION

Steam Generating Plant in Venezuela

APPLICATION DATE

February 1996

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

PHOTOS

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

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured
under an ISO 9001 Registered
Quality Management System.

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