

Belzona Refurbishes Drum Screen

ID: 551

Industry: Power
Application: VPF-Valves, Pipes and Fittings
Substrate: Steel
Products: * Belzona® 1311 (Ceramic R-Metal) ,

Customer Location: Power station - UK
Application Date: May 2005

Problem

The rubber edge seal on the rotating screen wheel had, over many years, worn the steel mating edge in the chamber



Photograph Descriptions

- * General view of the drum screen ,
- * View of the rubber side seal ,
- * The eroded seal face ,
- * Seal face rebuilt with Belzona® 1311 ,

Application Situation

Drum screen used to remove debris from the water entering the main cooling water pumps

Application Method

Application was carried out in accordance with a modified version of Belzona Know-How System Leaflet VPF-1. After thorough cleaning the profile was rebuilt with the Belzona® 1311.

Belzona Facts

Welding was being considered but this would have taken several weeks to complete as it would have involved removing the edge plates, welding and re-machining. The Belzona application was completed in-situ and in a fraction the time the welding option would have taken. Twenty-eight kilograms of Belzona® 1311 were used in the application.

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

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