

BELZONA REFURBISHES DRUM SCREEN

ID: 551



PROBLEM

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

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.

INDUSTRY

Power

LOCATION

Power station - UK

APPLICATION DATE

May 2005

PRODUCTS

Belzona 1311 (Ceramic R-Metal)

SUBSTRATE

Steel

PHOTOS

1. General view of the drum screen
2. View of the rubber side seal
3. The eroded seal face
4. Seal face rebuilt with Belzona 1311

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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