

BELZONA ELASTOMER MAKES MECHANICAL SEAL REFURBISHMENT EASY

ID: 1074



PROBLEM

The rubber seal is difficult to adjust on site. Problems also occur with misalignment.

APPLICATION SITUATION

Mechanical Seal from hydroelectric turbine

APPLICATION METHOD

Application carried out in accordance with Belzona Know-How System Leaflet GSS-2. Rubber ring bonded in place with Belzona® 2111 then re-machined to precise tolerance. Steel substrate is masked off and bond face grit blasted prior to bonding rubber ring in place with Belzona Elastomer.

BELZONA FACTS

Simple and cost effective replacement of a difficult spare part. Belzona Elastomer provides a strong reliable bond without the need for vulcanizing.

INDUSTRY

Power

LOCATION

Hydroelectric plant, Italy

APPLICATION DATE

Ongoing for 20 years

PRODUCTS

Belzona 2111 (D&A Hi-Build Elastomer)

SUBSTRATE

Steel

PHOTOS

1. Protecting and blasting steel support
2. Rubber ring being Conditioned
3. Conditioner applied to metal support
4. Rubber ring bonded in place with Belzona Elastomer

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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