

BELZONA ELASTOMER MAKES MECHANICAL SEAL REFURBISHMENT EASY

CUSTOMER

Hydroelectric plant, Italy

APPLICATION DATE

Ongoing for 20 years

APPLICATION SITUATION

Mechanical Seal from hydroelectric turbine

PROBLEM

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

PRODUCTS

Belzona® 2111 (D&A Hi-Build Elastomer)

SUBSTRATE

Steel

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.

PICTURES

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



1.



2.



3.



4.

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



ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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