

BELZONA ELASTOMER MAKES MECHANICAL SEAL REFURBISHMENT EASY

ID: 1074

Industry: Power
Application: GSS-Gaskets, Seals and Shims
Substrate: Steel
Products: * Belzona® 2111 (D&A Hi-Build Elastomer),

Customer Location: Hydroelectric plant, Italy
Application Date: Ongoing for 20 years

Problem

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



Photograph Descriptions

- * Protecting and blasting steel support ,
- * Rubber ring being Conditioned ,
- * Conditioner applied to metal support ,
- * Rubber ring bonded in place with Belzona Elastomer ,

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.

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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manufactured under an ISO
9000 Registered Quality
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