

# 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  
Management System.

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