

# BELZONA PROTECTS VALVE SEAL AREA

ID: 5640

Industry: Power  
Application: GSS-Gaskets, Seals and Shims  
Substrate: Steel  
Products: \* Belzona 1321 (Ceramic S-Metal) ,  
\* Belzona 9111 (Cleaner/Degreaser) ,

Customer Location: Hydropower Plant, Honduras  
Application Date: December 2004

## Problem

Valve with erosion problems in the perimeter of the seal joint. In certain areas there were small holes but in other areas there were deeper holes.



## Photograph Descriptions

- \* Valve with cavitation problems ,
- \* Surface preparation ,
- \* Application of Belzona 1321 ,
- \* Completed application ,

## Application Situation

Valve Seal in the turbine.

## Application Method

The surface was prepared with emery paper and later cleaned with Belzona 9111. The application was carried out in accordance with Belzona Know-How System Leaflet GSS-1. The application formed a protective barrier against water damage.

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

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

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## Belzona Facts

The application was simple and little product was used. This has resulted in significant cost savings and the customer was very satisfied with the solution.

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