

# BELZONA PROTECTS LARGE BUTTERFLY VALVE

ID: 408

**Industry:** Power  
**Application:** VPF-Valves, Pipes and Fittings  
**Substrate:** Cast Iron  
**Products:** \* Belzona® 1311 (Ceramic R-Metal) ,  
\* Belzona® 1321 (Ceramic S-Metal) ,

**Customer Location:** Power station - Ireland  
**Application Date:** 2003

## Problem

Severe erosion-corrosion on the body and particularly the valve disc.



## Photograph Descriptions

- \* Valve removed ,
- \* Degree of erosion on the disc clearly evident ,
- \* Application underway ,
- \* Completed application ,

## Application Situation

Butterfly valve from cooling water system.

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflets VPF-1 and VPF-2.

## Belzona Facts

Weld repairs were not considered viable on the cast iron valve body. Belzona was the only cost effective alternative to replacing the valves at a cost of approximately €20,000 (\$24,000).

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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