

# BELZONA EXTENDS VALVE BODY LIFE

ID: 4719

**Industry:** Power  
**Application:** VPF-Valves, Pipes and Fittings  
**Substrate:** Cast Iron  
**Products:** \* Belzona® 1111 (Supermetal) ,  
\* Belzona® 2141 (ACR-Fluid Elastomer) ,

**Customer Location:** Power station, Kent, UK.  
**Application Date:** September 2013

## Problem

*The valve body was suffering from cavitation and would only last 4-6 weeks before breaking through the casting.*



## Photograph Descriptions

- \* Through wall erosion damage ,
- \* Blasted and Belzona® 1111 applied ,
- \* Belzona® 2141 being applied ,
- \* Finished application ,

## Application Situation

Valve from the water cooling system in the power station.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet VPF-1 and VPF-2.

## Belzona Facts

The valves are supplied on a regular basis and previous coating would erode very quickly and the valve body would need replacing every 4-6 weeks. Using Belzona® 2141 system the effects of the cavitation have significantly been lowered resulting in less downtime & cost savings.

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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