

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

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

www.belzona.com


BELZONA®
Repair • Protect • Improve