

BELZONA PROTECTS CW PIPES AND BENDS

ID: 982

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

Customer Location: Power Station, UK
Application Date: May 2001

Problem

As a relatively new power plant on the banks of tidal estuary, the CW pumps and ancillary pipe work were showing significant erosion and corrosion after a short period of service. They were pumping large volumes of water from the river, which is very erosive even after it has been screened.



Photograph Descriptions

- * Bend being power washed to remove salts ,
- * & 3. Coated bend ,

Application Situation

Main intake pipework drawing sea water into the power station.

Application Method

Application was carried out in accordance with Belzona System Leaflets VPF-1 & VPF-2. Particular attention was paid to washing and blasting to remove salts, then badly eroded areas were re-built with Belzona® 1311 and then two coats of Belzona® 1321 applied.

Belzona Facts

The first bend, which is shown in the photographs, was opened up in March 2007 with a view to being refurbished. However when it was inspected, it was found to be in perfect condition.

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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9000 Registered Quality
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