

BELZONA PROTECTS FLANGES OF CONCRETE LINED PIPEWORK

ID: 688

Industry: Power
Application: VPF-Valves, Pipes and Fittings
Substrate: Concrete and Carbon Steel
Products: * Belzona® 1111 (Super Metal) ,
* Belzona® 9411 (Release Agent) ,

Customer Location: Power Station, Germany
Application Date: August 2002

Problem

The cutting of the pipes damaged the concrete lining and would have resulted in crevice corrosion on the flange face and corrosion creep under the concrete. It was not practical to repair the concrete with more concrete.



Photograph Descriptions

- * Blasted steel flange face – note concrete lining also prepared ,
- * Use of formers as per VPF-13. ,
- * Completed application ,
- * Inspection after 3 years service ,

Application Situation

Installation of additional valves into concrete lined cooling water pipework (ranging from 400-1200mm)

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflets VPF-3, -13.

Belzona Facts

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
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Fourteen Flanges were protected and all works completed within two days. The cooling water system operates with a maximum pressure of three bar. After inspection following three years service, the satisfied client has specified the use of Belzona 1111 for other damaged concrete lined pipes

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