

BELZONA PROTECTS COOLING WATER PIPELINE

ID: 2462

Industry: Power

Application: VPF-Valves, Pipes and Fittings

Substrate: Steel

Products: * Belzona® 1111 (Super Metal) ,
* Belzona® 5811 (Immersion Grade) ,

Customer Location: Power Plant, Croatia

Application Date: 2005

Problem

Pipe wall thickness measurement from outside showed heavy loss in material. The following visual inspection from inside confirmed the severity of the problem.



Photograph Descriptions

- * Corroded inner surface ,
- * Rebuilding lost profile ,
- * Belzona® 5811 applied as two coat system ,
- * Inspection after 3 years showed no damage ,

Application Situation

1,65 m diameter Cooling water pipeline.

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet VPF-1 and VPF-2. Belzona 1111 was used to rebuild the damaged profile and two coats of Belzona® 5811 applied for protection against organic organisms and sea water corrosion.

Belzona Facts

Belzona solvent free system was ideal for application in the confined space. Inspection of the coating after 3 years in service showed no damage at all. Even in 2011 (6 years in service) the coating is still performing well.

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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