

PIPING DISTRIBUTION HEADER REPAIRED WITH BELZONA

ID: 335

Industry: Water / Wastewater

Application: VPF-Valves, Pipes and Fittings

Substrate: Carbon steel

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

Customer Location: Water treatment plant in Florida, USA

Application Date: May 1999

Problem

Corrosion as well as erosion deteriorated the entire internal surface of this sludge water piping structure. This pipework transports sludge water from the sedimentation tanks to the digester.



Photograph Descriptions

- * View of the sedimentation tanks ,
- * Repairs to pits with Belzona® 1111 (Super Metal) ,
- * First coat Belzona® 5811 (Immersion Grade) ,
- * Second coat of Belzona® 5811 (Immersion Grade) almost complete ,

Application Situation

Sludge water piping distribution header.

Application Method

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

Belzona Facts

Belzona® 5811 (Immersion Grade) is perfectly suited to resist mild erosion coupled with H₂S attack. Replacing piping can be very difficult if the new section does not line up with the old flange face.

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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manufactured under an ISO
9000 Registered Quality
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