

BELZONA PROTECTS HYDROELECTRIC PENSTOCK

ID: 1012

Industry: *Power*
Application: *VPF-Valves, Pipes and Fittings*
Substrate: *Steel*
Products: *Belzona® 5811 (Immersion Grade).*

Customer Location: *Irrigation District- Wyoming USA*
Application Date: *February 2008*

Problem

The penstock was suffering from pitting due to corrosion.



Photograph Descriptions

* Penstock feeding into diffuser vanes in plant , * Looking down the penstock , * Belzona® 5811 applied by spray , * Application completed ,

Application Situation

Small hydroelectric plant using water feeding off an irrigation canal. The penstock feeding into the plant is 10 feet diameter and 100 feet long.

Application Method

Application was carried out in accordance with Belzona System Leaflet VPF-2. A single component airless spray unit was used to speed application.

Belzona Facts

Belzona was chose for its 100% solids materials and its safety for working in confined spaces. This application was also approved by the irrigation board members for its proven longevity in a similar application for this districts counterpart.

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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