

# 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  
Management System.

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