

# BELZONA REPAIRS 30 YEAR OLD VALVES

ID: 194

**Industry:** Water / Wastewater

**Customer Location:** Major irrigation district in central California, U.S.A.

**Application:** VPF-Valves, Pipes and Fittings

**Application Date:** August 1999

**Substrate:** Cast Steel

**Products:**  
\* Belzona® 1311 (Ceramic R-Metal) ,  
\* Belzona® 1341 (Supermetalgilde) ,  
\* Belzona® 5811 (Immersion Grade) ,

## Problem

After 30 years of use, valves demonstrated severe damage from erosion-corrosion.



## Photograph Descriptions

- \* Valves being inspected. ,
- \* Internal surfaces being protected with Belzona® 1341 (Supermetalgilde). ,
- \* External surfaces are coated with Belzona® 5811 (Immersion Grade). ,
- \* Completed valve, assembled and ready for service. ,

## Application Situation

Valves controlling flow of water pumped from central valley project to supply a small town and surrounding farm land.

## Application Method

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

## Belzona Facts

Replacement parts for these valves are no longer available. Belzona provided the only effective solution, saving the cost of complete replacement.

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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