BELZONA PUMP DIFFUSER PROTECTED

ID: 163

Industry: Water / Wastewater Customer Location: Sewage Treatment Plant in Northern

California

Application: CEP-Centrifugal Pumps Application Date: September 1982

Substrate: Cast iron

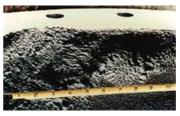
Products: * Belzona® 1311 (Ceramic R Metal) Belzona® 1321 (Ceramic S Metal),

Problem

Erosion/corrosion and cavitation









Photograph Descriptions

- * The diffuser removed for repairs ,
- * Damage on flow surface ,
- * Close up of cavitation pitting ,
- * Repairs in progress using a rotating jig to create the internal shape and dimension without machining ,

Application Situation

Centrifugal pump diffuser

Application Method

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

Belzona Facts

This pump was in service for seven years with no damage until the unit was removed from service for other reasons. Extending the life of the pump diffuser saved the plant tremendous replacement costs.

For more examples of Belzona Know - How In Action, please visit https://khia.belzona.com

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FS 695214 manufactured under an ISO
ISO 14001:2015 9000 Registered Quality
EMS 695213 Management System.

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