Belzona Pump Repair - From A to Z

ID: 543

Industry: Water / Wastewater Customer Location: Water Plant - Egypt

Application: CEP-Centrifugal Pumps Application Date: April 2005

Substrate: Cast Iron

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

* Belzona® 1321 (Ceramic S-Metal),

Problem

The pump casing, cut water, straighteners, wear ring and gland housing were all suffering from erosion-corrosion. Also, there was a long crack on the cut water.







Photograph Descriptions

- * General view of the pump before repair. ,
- * The pump after surface preparation. ,
- * Crack of cutwater was repaired and the cutwater and the straighteners were rebuilt. ,
- * Repair complete. Note how the seats and gland housing were perfectly repaired. ,

Application Situation

Centrifugal pump

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflets CEP-1, CEP-2, CEP-3, CEP-5 and CEP-6.

Belzona Facts

Belzona repaired everything in the pump - from the casing to the cut water and straighteners, including repairing the wear ring seat

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

ISO 9001:2015 Belzona products are
FS 695214 manufactured under an ISO
ISO 14001:2015 9000 Registered Quality
EMS 695213 Management System.

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cement costs of nev	v pump and providing	more resistance to	the effects of erosio	n-corrosion than ne	.w one.