

Circulating Water Pump Repair

ID: 541

Industry: Power
Application: CEP-Centrifugal Pumps
Substrate: Cast iron and stainless steel
Products: * Belzona® 1311 (Ceramic R-Metal). ,

Customer Location: Power station, Egypt
Application Date: July 2004

Problem

Galvanic corrosion between the cast iron of the discharge casing and the welded stainless steel sheet.



Photograph Descriptions

- * General view of the pump ,
- * The corroded discharge casing ,
- * Applying Belzona® 1311 to the prepared surface ,
- * Application complete ,

Application Situation

Circulating water pump

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet CEP-5.

Belzona Facts

Belzona Polymers allow for a perfect repair, completed in only one day, keeping the power station on schedule. Welding was considered as an alternative method of repair but this would not prevent the same damage from occurring in the future. The customer, therefore, chose the most cost effective repair method.

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

Belzona products are
manufactured under an ISO
9000 Registered Quality
Management System.

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