

BELZONA REFURBISHMENT OF COOLING WATER PUMP DIFFUSER

ID: 427

Industry: Power
Application: CEP-Centrifugal Pumps
Substrate: Cast iron
Products: * Belzona® 1311 (Ceramic R-Metal) ,
* Belzona® 1341 (Supermetalgilde) ,

Customer Location: Power station in Egypt
Application Date: April 2002

Problem

Severe erosion-corrosion.



Photograph Descriptions

- * Severity of erosion clearly evident ,
- * Surface preparation by grit blasting ,
- * Erosion rebuilt using Belzona® 1311 ,
- * Coating with Belzona® 1341 underway ,

Application Situation

Diffuser and bell-mouth from main cooling water lift pump.

Application Method

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

Belzona Facts

Importing of new diffuser and bell-mouth would take six months to deliver at cost of \$100,000. Belzona application cost only \$2,800 and the pump was ready to go back to service in 48 hours.

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
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