

REFURBISHMENT OF LARGE DIFFUSER PUMPS WITH BELZONA

ID: 3887

Industry: Power
Application: CEP-Centrifugal Pumps
Substrate: Cast iron
Products: * Belzona® 1111 (Super Metal) ,
* Belzona® 1311 (Ceramic R-Metal) ,
* Belzona® 1341 (Supermetalgilde) ,
* Belzona® 5811 (Immersion Grade) ,

Customer Location: Power station, Northern Ireland
Application Date: 2010

Problem

The pumps, each weighing over eleven tonnes without the motor, were failing to deliver sufficient flow to satisfy customer demand.



Photograph Descriptions

- * One of the diffuser pumps after disassembly ,
- * Degree of damage clearly evident on the diffuser vanes ,
- * Coated diffuser vanes ,
- * Coating of the pump internals and bell mouth with Belzona® 1341 and Belzona® 5811 externally ,

Application Situation

Two 48" cooling water circulating pumps

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflets CEP-1, 3, 4 & 5.

Belzona Facts

After refurbishment, the pumps were returned to the power station, where they were installed, aligned and commissioned. Both pumps were returned to service within an eight week period and within budget. The customer has expressed his great satisfaction with the service provided and is already reaping the benefits of the newly coated pumps.

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
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9000 Registered Quality
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