MAIN COOLING WATER PUMPS PROTECTED WITH BELZONA

ID: 985

Industry: Power Customer Location: Coal fired power station - UK

Application: CEP-Centrifugal Pumps Application Date: 2004

Substrate: Cast iron

Products: * Belzona® 1111 (Super Metal),

* Belzona® 1341 (Supermetalglide),

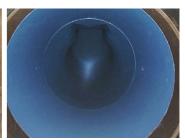
Problem

Erosion corrosion particularly on main wearing rings, cut water and delivery tubes.









Photograph Descriptions

- * Scale of pumps can be gauged from the delivery tubes,
- * Suction side coated,
- * Degree of corrosion evident on the delivery tubes ,
- * Completed coating,

Application Situation

Allen Gwynnes cooling pumps. These pumps are capable of delivering 120,000 gallons of cooling water per minute.

Application Method

Carried out in accordance with Belzona system leaflets CEP-1 and CEP-3. Particular attention was paid to surface preparation with repeated steam cleaning and grit blasting used to remove salt contamination.

Belzona Facts

A competitive ceramic coating had previously been used. Although lower in cost it did not provide the efficiency enhancement that Belzona® 1341 does with its subsequent pay-back. Application still OK in 2007.

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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