# 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),

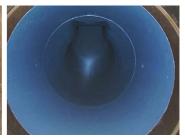
#### Problem

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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