

MAIN COOLING WATER PUMPS PROTECTED WITH BELZONA

ID: 985



PROBLEM

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

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.

INDUSTRY

Power

LOCATION

Coal fired power station - UK

APPLICATION DATE

2004

PRODUCTS

Belzona 1111 (Super Metal)
Belzona 1341 (Supermetalgilde)

SUBSTRATE

Cast iron

PHOTOS

1. Scale of pumps can be gauged from the delivery tubes
2. Suction side coated
3. Degree of corrosion evident on the delivery tubes
4. Completed coating

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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