

BELZONA REPAIR TO PUMP SHAFT BEARING SURFACE

CUSTOMER

Power Station, South Wales

APPLICATION DATE

August 2010

APPLICATION SITUATION

Main cooling water pump at Power Station. The back up pump was the only pump supplying cooling water to the Power Station meaning the reserve pump had to be fixed immediately.

PROBLEM

Damage had occurred to the drive shaft of the pump. Previously repaired using hot metal spraying which caused 'pick up', the customer required a fast repair.

PRODUCTS

Belzona® 1131 (Bearing Metal)

SUBSTRATE

Mild Steel

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflet MPT-9.

BELZONA FACTS

Belzona method ensured a fast return to service. Belzona cold repair avoided potential distortion through use of heat.

PICTURES

1. Pump waiting to be dismantled
2. Damaged area on shaft clearly visible
3. First machine cut being applied to Belzona® 1131 rebuild
4. Completed repair ready for pump re-assembly



1.



2.



3.



4.

For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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