

BELZONA REPAIRS AND PROTECTS SEA WATER CIRCULATION PUMP

CUSTOMER

Power plant, Fujian, China

APPLICATION DATE

2014

APPLICATION SITUATION

The casing of sea water circulation pump

PROBLEM

After years of operation, the casing was badly eroded and damaged by the sea water

PRODUCTS

Belzona 1311 (Ceramic R-metal)

Belzona 1341 (Supermetalgilde)

SUBSTRATE

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflets CEP-1 & CEP-3. Holes were repaired with Belzona 1311. The high spots were ground down to smooth the surface and Belzona 1341 then applied.

BELZONA FACTS

The cost of replacing the pump was around £300,000 and Belzona solution cost less than 10%. The life of this pump is extended with improved efficiency of fluid handling. This project won the client's trust and more repair projects have been carried out.

PICTURES

1. Overview of the circulation pump
2. Surface preparation by grit blasting
3. Close-up view of the damaged area after the blasting
4. Completed application



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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