

BELZONA REFURBISHMENT OF COOLING WATER PUMP DIFFUSER

ID: 427



PROBLEM

Severe erosion-corrosion.

APPLICATION SITUATION

Diffuser and bell-mouth from main cooling water lift pump.

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflets CEP-1, CEP-3 and CEP-5.

BELZONA FACTS

Importing of new diffuser and bell-mouth would take six months to deliver at cost of \$100,000. Belzona application cost only \$2,800 and the pump was ready to go back to service in 48 hours.

INDUSTRY

Power

LOCATION

Power station in Egypt

APPLICATION DATE

April 2002

PRODUCTS

Belzona 1311 (Ceramic R-Metal)
Belzona 1341 (Supermetalgilde)

SUBSTRATE

Cast iron

PHOTOS

1. Severity of erosion clearly evident
2. Surface preparation by grit blasting
3. Erosion rebuilt using Belzona 1311
4. Coating with Belzona 1341 underway

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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