

BELZONA REFRUBISHMENT OF COOLING WATER PUMP DIFFUSER

CUSTOMER

Power station in Egypt

APPLICATION DATE

April 2002

APPLICATION SITUATION

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

PROBLEM

Severe erosion-corrosion.

PRODUCTS

Belzona® 1311 (Ceramic R-Metal)

Belzona® 1341 (Supermetalgilde)

SUBSTRATE

Cast iron

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.

PICTURES

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 <http://khia.belzona.com>



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