

BELZONA PUMP RESTORATION

CUSTOMER

Water Plant, Egypt

APPLICATION DATE

December 2004

APPLICATION SITUATION

Four split casing pumps

PROBLEM

The four pumps were very badly eroded and corroded. As a result, the flow rate was much lower than the normal flow rate.

PRODUCTS

Belzona® 1311 (Ceramic R-Metal)

Belzona® 1321 (Ceramic S-Metal)

SUBSTRATE

Cast Iron

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflets CEP-1, CEP-2, CEP-3 and CEP-5.

BELZONA FACTS

Each of the four pumps was facing many problems in the cutwater and the wear ring seats which decreased the efficiency of the plant. Instead of buying new pumps Belzona was used to repair the old pumps providing extra protection while restoring the plants power without resorting to buying new expensive units.

PICTURES

1. General view of the four deteriorated pumps
2. Corroded-eroded pump and cut water
3. Rebuilding the eroded areas inside the pump
4. Completed application



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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