

# BELZONA PUMP RESTORATION

ID: 652



## PROBLEM

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

## APPLICATION SITUATION

Four split casing pumps

## 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.

## INDUSTRY

Buildings & Structures

## LOCATION

Water Plant, Egypt

## APPLICATION DATE

December 2004

## PRODUCTS

Belzona 1311 (Ceramic R-Metal)  
Belzona 1321 (Ceramic S-Metal)

## SUBSTRATE

Cast Iron

## PHOTOS

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

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