

## BELZONA SAVES MORE THAN 1 BILLION US DOLLARS

### CUSTOMER

Potash Producer, Jordan

### APPLICATION DATE

July 2008

### APPLICATION SITUATION

Diffuser end section from main intake lift pump station handling highly saline sea water.

### PROBLEM

Extreme erosion & corrosion of the internal body. Fifteen vanes badly eroded.

### PRODUCTS

Belzona® 1111 (Super Metal)

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, CEP-4, CEP-5 and CEP-6.

### BELZONA FACTS

Importing new part would take minimum 6 months to deliver at a cost of \$500,000 and loss of production market value of \$933 millions. Belzona material and application cost was \$59,000 which equals 12% of the new part and 0,0006% of the production selling value.

### PICTURES

1. Body & Vanes severely damaged
2. Application team at work after Blasting and Sweet Water washing for 6 days to remove heavy salt contamination
3. Final touch-up
4. Smooth operation after 2 months, pumping 18,000 Cu.m/hr



1.



2.



3.



4.

For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



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