

BELZONA SAVES MORE THAN 1 BILLION US DOLLARS

ID: 1165



PROBLEM

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

APPLICATION SITUATION

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

APPLICATION METHOD

Application was carried out in accordance with Belzona 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.

INDUSTRY

Fluid Flow

LOCATION

Potash Producer, Jordan

APPLICATION DATE

July 2008

PRODUCTS

Belzona 1111 (Super Metal)
Belzona 1311 (ceramic R Metal)
Belzona 1321 (Ceramic S Metal)

SUBSTRATE

Cast iron

PHOTOS

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

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.

www.belzona.com

