

BELZONA SUCESSFULLY REPAIRS VACUUM PUMP

ID: 539



PROBLEM

Eroded-corroded rotor and casing due to the effect of water, chemicals and limestone. The vanes of the rotor were cracked and fractured in many places.

APPLICATION SITUATION

Vacuum pump

APPLICATION METHOD

The application was carried out in accordance with Belzona® Know-How System Leaflets CEP-1 and CEP-3.

BELZONA FACTS

The repair was done at a fraction of the cost of a replacement, and with the Belzona Ceramic Metal System, the rotor is protected from the erosion-corrosion cycle.

INDUSTRY

General Industry

LOCATION

Large Phosphate production facility - Egypt

APPLICATION DATE

September 2004

PRODUCTS

Belzona 1311 (Ceramic R-Metal)

Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Cast Iron

PHOTOS

1. The eroded-corroded rotor
2. Repairs to cracks and fractures in the vanes of the rotor
3. Rotor after repairing and coating.
4. Casing after repairing and coating

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.

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