

Belzona Successfully Repairs Vacuum Pump

ID: 539

Industry: General Industry

Customer Location: Large Phosphate production facility - Egypt

Application: CEP-Centrifugal Pumps

Application Date: September 2004

Substrate: Cast Iron

Products: * Belzona® 1311 (Ceramic R-Metal) ,
* Belzona® 1321 (Ceramic S-Metal) ,

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.



Photograph Descriptions

- * The eroded-corroded rotor ,
- * Repairs to cracks and fractures in the vanes of the rotor ,
- * Rotor after repairing and coating. ,
- * Casing after repairing and coating ,

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.

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

ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

Belzona products are
manufactured under an ISO
9000 Registered Quality
Management System.

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