

BELZONA RESTORES PUMP FROM SUGAR MILL

CUSTOMER

Major Sugar Producer, South Africa

APPLICATION DATE

March 2010

APPLICATION SITUATION

Pump handling Condensate at 80 °C

PROBLEM

Customer looking to repair badly eroded back plate & volute and to coat new Impeller

PRODUCTS

Belzona® 1111 (Super Metal)

Belzona® 1391 (Ceramic HT)

SUBSTRATE

Cast Iron

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflets CEP-1, 3 & 5.

BELZONA FACTS

Conventional weld repairs difficult on cast iron. Belzona provides effective rebuild and restoration of profiles without risk of distortion and Belzona® 1391 provides excellent erosion corrosion protection at the pumps 80 °C operating temperature.

PICTURES

1. Pump after grit blasting
2. Badly worn cut water and hole through volute
3. Finished Application
4. Pump assembled and ready for despatch



1.



2.



3.



4.

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



ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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manufactured under an ISO
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