

Belzona repairs the clinker crusher rotor

ID: 8333

Industry: Cement
Application: MPT-Mechanical Power Transmission

Customer Location: Cement producer, Slovakia
Application Date: 2020

Substrate: Steel
Products: * Belzona® 1111 (Super Metal) ,

Problem

The crusher rotor was damaged due to the loading and working environment.



Photograph Descriptions

- * 1. Damaged rotor ,
- * 2. Rotor after machining, preparing for Belzona 1111 application ,
- * 3. Belzona® 1111 machined ,
- * 4. The rotor prepared for operation ,

Application Situation

The factory uses this big crusher for fine clinker production.

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet MPT-1. Hand portable lathe was used to machine the rotor.

Belzona Facts

The traditional repair using welding and subsequent grinding of the rotor should take a long time. The repair using Belzona took several days, resulting into significant savings.

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.

www.belzona.com


BELZONA®
Repair • Protect • Improve