

Belzona Repairs to Cement Fan Shaft

ID: 538

Industry: Cement
Application: MPT-Mechanical Power Transmission

Customer Location: Cement manufacturer - Egypt
Application Date: April 2005

Substrate: Steel
Products: * Belzona® 1311 (Ceramic R-Metal). ,

Problem

Deeply worn shaft due to abrasion from cement - leading to potential bearing failure.



Photograph Descriptions

- * General view of the fan shaft ,
- * The worn out shaft ,
- * Form was applied ,
- * Application was completed ,

Application Situation

Cement fan shaft

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet MPT-2.

Belzona Facts

The dimension of the shaft was restored and the repair was completed without machining. A conventional repair method to repair this shaft was not a favorable option due to the high costs of welding and machining in addition to the large fan that cannot be separated from the shaft.

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

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