

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

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

www.belzona.com


BELZONA
Repair • Protect • Improve