

# Belzona Repairs to Cement Fan Shaft

ID: 538

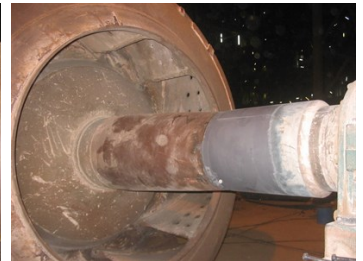
Industry: General Industry  
Application: MPT-Mechanical Power Transmission

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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