

BELZONA REPAIRS TO CEMENT FAN SHAFT

ID: 538



PROBLEM

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

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.

INDUSTRY

Cement

LOCATION

Cement manufacturer - Egypt

APPLICATION DATE

April 2005

PRODUCTS

Belzona 1311 (Ceramic R-Metal).

SUBSTRATE

Steel

PHOTOS

1. General view of the fan shaft
2. The worn out shaft
3. Form was applied
4. Application was completed

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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