

## BELZONA REPAIRS CONVEYOR DRIVE SHAFT IN-SITU

### CUSTOMER

Cement works in Egypt

### APPLICATION DATE

September 2003

### APPLICATION SITUATION

Clinker elevator

### PROBLEM

Drive shaft was badly worn due to incorrect tightening of the adjustable sleeve which leads to relative motion between the shaft and the sleeve.

### PRODUCTS

Belzona® 1311 (Ceramic R-Metal)

### SUBSTRATE

Steel

### APPLICATION METHOD

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

### BELZONA FACTS

Belzona® 1311 was injected, using pneumatic injection pistol, into former constructed to restore correct shaft diameter. The Belzona repair was carried out without need to remove shaft from the plant saving many days work.

### PICTURES

1. General view of the elevator lifting clinker into silos
2. Damage to the shaft
3. Former in place and Belzona® 1311 being injected
4. Accurate diameter restored to the shaft



1.



2.



3.



4.

For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



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