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