BELZONA®
KNOW-HOW *In Action*
Volume XVIII No.31

BELZONA® REPAIRS MASSIVE FAILURE OF KILN SUPPORT CASINGS

CUSTOMER
Cement works in Egypt

APPLICATION DATE
March 2004

APPLICATION SITUATION
Rotary kiln used in cement production

PROBLEM
Casings on trunnion supports shattered due to the breakage of the roller neck.

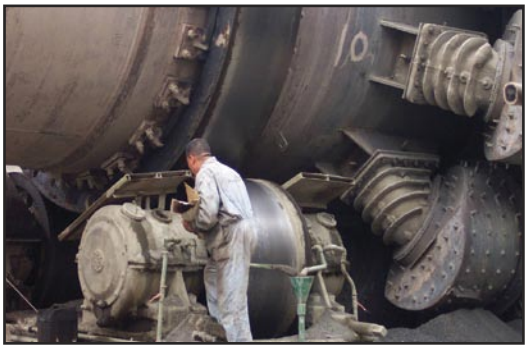
PRODUCTS
Belzona® 1111 (Super Metal)

SUBSTRATE
Cast Iron

APPLICATION METHOD
Application was carried out in accordance with Belzona Know-How System Leaflet ENC-1.

BELZONA FACTS
Various strengthening plates and straps were used to add strength to the repairs. Two large casings were completely restored. Alternative was the replacement at the cost of $20,000 each and six months delivery time.

PHOTOGRAPHS
1. General view of the trunnion supports.
2. The shattered casings.
3. One of the fabricated strengthening plates in position.
4. Belzona® 1111 used to bond and seal the cracked casing.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