

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.

PICTURES

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



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



ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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