

BELZONA REPAIRS MASSIVE FAILURE OF KILN SUPPORT CASINGS

ID: 447



PROBLEM

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

APPLICATION SITUATION

Rotary kiln used in cement production

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.

INDUSTRY

Cement

LOCATION

Cement works in Egypt

APPLICATION DATE

March 2004

PRODUCTS

Belzona 1111 (Super Metal)

SUBSTRATE

Cast Iron

PHOTOS

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 khia.belzona.com

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