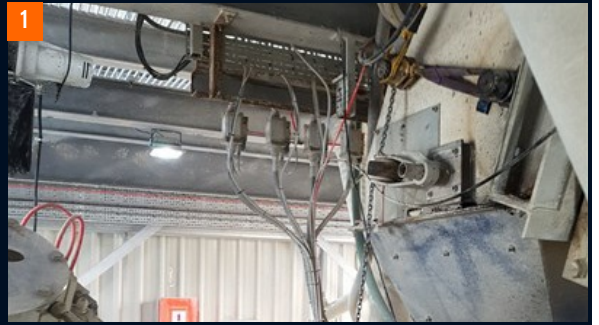


BELZONA SHAFT REPAIR AT CEMENT PLANT

ID: 8058



PROBLEM

Heavy wear had occurred and required repairing before potential equipment failure.

APPLICATION SITUATION

Worn 90mm diameter shaft

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet MPT-2. After thorough surface preparation, the Belzona 1111 was applied by brush to the repair area. A pre-made split former was positioned over the repair area with a clamp. All excess material was removed and the repair was left to fully cure before removal of the former.

BELZONA FACTS

The client selected this simple Belzona repair solution for two reasons. Firstly, because the application could be completed quickly over a weekend ensuring there was no loss of production and minimum disruption to plant operation. The alternative would be a complete replacement which would have resulted in 3 days of downtime. Secondly, a single unit of Belzona 1111 was used along with a forming tool to complete this repair at a fraction of the price of replacement. Saving the client £1000's in repair costs. Almost two years on, the shaft is still in service and the client is extremely happy with the outcome.

INDUSTRY

Cement

LOCATION

Cement Plant, Yorkshire, UK

APPLICATION DATE

September 2017

PRODUCTS

Belzona 1111 (Super Metal)

SUBSTRATE

Steel

PHOTOS

1. Worn shaft prior to Belzona repair
2. Surface preparation carried out and the former in place on the shaft
3. Former clamped in position and filled with Belzona 1111
4. Former removed revealing fully cured Belzona 1111 prior to dressing down

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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