

BELZONA REPAIRS SHAFT FROM CRUSHER

CUSTOMER

Non-metallic Materials Industry, Russia

APPLICATION DATE

December 2009

APPLICATION SITUATION

Shaft of 4.6 m length and weighing 7,2 tonnes from crusher which is critical part of the minerals plant.

PROBLEM

Failure of bearing caused it to spin on the shaft causing it to wear undersize.

PRODUCTS

Belzona® 1111 (Super Metal)

SUBSTRATE

Steel

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflet MPT-1. Shaft was turned down 1.5mm undersize and left with coarse thread before being rebuilt with Belzona® 1111 followed by machining back to original diameter.

BELZONA FACTS

Complete repair was carried out within 2 days. Customer avoided loss of production and saved considerable monies when compared with alternative methods.

PICTURES

1. General view of the eccentric shaft of crusher
2. Area before the application
3. After surface preparation application of Belzona® 1111
4. Completed application



1.



2.



3.



4.

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



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