# 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.

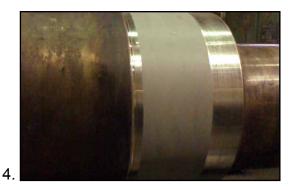
#### **PICTURES**

- 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









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



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