

# CLASSIC BELZONA SHAFT REPAIR AT CEMENT PLANT

ID: 1241

Industry: General Industry  
Application: MPT-Mechanical Power Transmission

Customer Location: Cement plant, Nazareth, PA  
Application Date: November 2005

Substrate: Steel  
Products: Belzona® 1111 (Super Metal)

## Problem

Kilns were to be shut down in approximately 4-6 weeks but failed split bearing caused scoring of shaft requiring urgent repair.



## Photograph Descriptions

\* Shaft prepared , \* Split sleeve former , \* Rebuilt shaft being measured , \* Back in service ,

## Application Situation

Forced draft fan shaft for the kilns.

## Application Method

Application was completed in accordance with Belzona Know-How System Leaflet MPT-2.

## Belzona Facts

Application completed with minimal downtime saving thousands of dollars in lost production. Belzona cost is minimal in comparison to alternatives. The replacement bearing alone cost \$10K.

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

ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

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