

ROLLER SHAFT RE-BUILT WITH BELZONA

CUSTOMER

Czech Republic

APPLICATION DATE

March 2015

APPLICATION SITUATION

Steel mill roller shaft problem.

PROBLEM

The 400mm shaft for the roller in this steel mill had become damaged and developed 6mm of headspace inside the bearing, and therefore needed reprofiling.

PRODUCTS

Belzona 1111 (Super Metal)

Belzona 9111 (Cleaner/Degreaser)

SUBSTRATE

Steel

APPLICATION METHOD

The prepared surface was cleaned using Belzona 9111. The profile was rebuilt with Belzona 1111, then machined back to the correct diameter using a lathe.

BELZONA FACTS

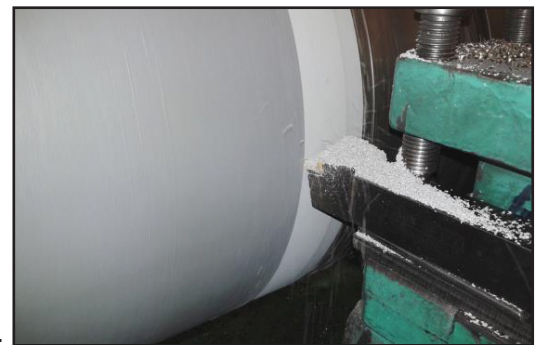
Repairing shafts using Belzona solutions avoids the heat distortion associated with welding techniques, thereby avoiding future problems.

PICTURES

1. Belzona 1111 used to build the profile up.
2. Applied Belzona material being machined back on the lathe.
3. Completed repair.



1.



2.



3.

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



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