

ROLLER SHAFT RE-BUILT WITH BELZONA

ID: 7826



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.

APPLICATION SITUATION

Steel mill roller shaft problem.

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.

INDUSTRY

Steel & Metal Processing

LOCATION

Czech Republic

APPLICATION DATE

March 2015

PRODUCTS

Belzona 1111 (Super Metal)

Belzona 9111 (Cleaner/Degreaser)

SUBSTRATE

Steel

PHOTOS

Belzona 1111 used to build the profile up.

The Belzona being machined back on the lathe.

The completed repair.

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

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