

Roller Shaft Re-built with Belzona

ID: 7826

Industry: *Steel & Metal Processing*
Application: *FBC-Fans, Blowers and Compressors*

Customer Location: *Czech Republic*
Application Date: *March 2015*

Substrate: *Steel*
Products: ** Belzona 1111 (Super Metal) ,*
** Belzona 9111 (Cleaner/Degreaser) ,*

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.



Photograph Descriptions

- * Belzona 1111 used to build the profile up. ,
- * The Belzona being machined back on the lathe. ,
- * The completed repair. ,

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.

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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