

BELZONA SHAFT REPAIR AT STEEL MILL

ID: 3316

Industry: *General Industry*
Application: *MPT-Mechanical Power Transmission*

Customer Location: *Scotland, UK*
Application Date: *April 2012*

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

Problem

Heavy wear on the drive locations led to excessive downtime for the customer



Photograph Descriptions

- * Worn shaft prior to Belzona repair ,
- * Surface preparation carried out and the bottom former in place on the shaft ,
- * Former clamped in position and filled with Belzona® 1111 ,
- * Former removed revealing fully cured Belzona® 1111 prior to dressing down ,

Application Situation

Worn shafts in steel rolling mill

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet MPT-2. After thorough surface preparation, the Belzona® 1111 was applied by brush to the repair area. Next, a pre-made split former was clamped over the repair and additional Belzona® 1111 was injected via ports. The material was allowed to cure fully before the former was removed and the repair dressed down before returning to service

Belzona Facts

This in-situ shaft forming process saves the customer thousands of pounds in removal and replacement costs. The durable, proven solution provides an immediate solution, avoiding lengthy downtime.

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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9000 Registered Quality
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