

BELZONA SHAFT REPAIR AT STEEL MILL

CUSTOMER

Scotland, UK

APPLICATION DATE

April 2012

APPLICATION SITUATION

Worn shafts in steel rolling mill

PROBLEM

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

PRODUCTS

Belzona® 1111 (Super Metal)

SUBSTRATE

Steel

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.

PICTURES

1. Worn shaft prior to Belzona repair
2. Surface preparation carried out and the bottom former in place on the shaft
3. Former clamped in position and filled with Belzona® 1111
4. Former removed revealing fully cured Belzona® 1111 prior to dressing down



1.



2.



3.



4.

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



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