

BELZONA SHAFT REPAIR AT STEEL MILL

ID: 3316



PROBLEM

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

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.

INDUSTRY

General Industry

LOCATION

Scotland, UK

APPLICATION DATE

April 2012

PRODUCTS

Belzona 1111 (Super Metal)

SUBSTRATE

Steel

PHOTOS

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

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

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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