

BELZONA REPAIRS DRIVE SHAFT ON ROLLING MILL

ID: 5510

Industry: *Steel & Metal Processing*
 Application: *MPT-Mechanical Power Transmission*

Customer Location: *Steel Plant, Leningrad Region, Russia*
 Application Date: *June 1998 and September 2010*

Substrate: *Steel*
 Products: ** Belzona 1131 (Bearing Metal) ,*

Problem

Deteriorated shaft in gasket seating areas (6 gaskets 50-90 m wide with a diameter of 709.25 mm on each shaft) causing excessive oil consumption. Original Belzona application lasted 12 years so the customer immediately turned to Belzona again.



Photograph Descriptions

- * Close-up view of the damaged shaft area ,
- * Prepared surface for the application of Belzona 1131 ,
- * Application of Belzona 1131 ,
- * Completed shaft repair ,

Application Situation

Deteriorated drive shaft on four high rolling mill.

Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet MPT-1.

Belzona Facts

The repair was carried out in-situ, minimizing transportation and downtime associated costs. The cost of the application was significantly lower compared to traditional repair methods such as overlay welding. The Belzona repair has proved to last for 12 years since the first application in 1998, therefore, when additional maintenance was required in 2010, Belzona was the first choice for the client.

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

Belzona products are
 manufactured under an ISO
 9000 Registered Quality
 Management System.

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