

BELZONA REPAIRS SHAFT QUICKLY AND EFFECTIVELY

ID: 3123

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

Customer Location: *Aluminium producer, Brazil*
Application Date: *June 2011*

Substrate: *Mild steel*
Products: ** Belzona 1111 (Super Metal) ,*

Problem

Lubrication failed and the bearing wore the shaft creating vibration. The equipment had to be stopped and the shaft repaired.



Photograph Descriptions

- * The roller mounted in the lathe ,
- * The damaged shaft end ,
- * Shaft prepared by rough machining ,
- * Belzona 1111 machined back to required diameter ,

Application Situation

Conveyor roller.

Application Method

The repair was carried out in accordance with Belzona System Leaflet MPT-1. The required shaft diameter was restored using machining method.

Belzona Facts

The Belzona repair reduced the plant downtime. The lathe operator was able to complete the entire repair by himself. There was no need for welder or special equipment.

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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manufactured under an ISO
9000 Registered Quality
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