

BELZONA REPAIRS 315 kW MOTOR SHAFT

ID: 2454

Industry: Power
Application: MPT-Mechanical Power Transmission

Customer Location: Siemens, Slovakia
Application Date: July 2009

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

Problem

Shaft had been damaged by failed bearing.



Photograph Descriptions

- * Electric motor case ,
- * Damaged shaft ,
- * Machining of the Belzona® 1111 ,
- * Completed job ,

Application Situation

315 kW electric motor shaft

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet MPT-1. Shaft was turned down and left with coarse thread before being rebuilt with Belzona® 1111 followed by machining back to original diameter.

Belzona Facts

Welding was not an option due to the high risk of thermal stress. Belzona repaired required no heat so enabled a safe cost effective repair to be completed quickly, saving huge cost over replacement option.

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
Management System.

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