

BELZONA REPAIRS 315 KW MOTOR SHAFT

ID: 2454



PROBLEM

Shaft had been damaged by failed bearing.

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.

INDUSTRY

Power

LOCATION

Siemens, Slovakia

APPLICATION DATE

July 2009

PRODUCTS

Belzona 1111 (Super Metal)

SUBSTRATE

steel

PHOTOS

1. Electric motor case
2. Damaged shaft
3. Machining of the Belzona 1111
4. Completed job

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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