

REPAIR OF WIND TURBINE BEARING SOCKETS WITH BELZONA

ID: 8556



PROBLEM

Knockout of bearing sockets - manifested by loud, irregular operation of wind turbine gears.

APPLICATION SITUATION

A wind turbine required a regeneration of wind turbine gear bearing sockets to be restored to its original profile.

APPLICATION METHOD

Applied in accordance with Belzona system leaflet MPT-7.

BELZONA FACTS

Belzona 1111 can be applied in situ with a fast return to service. 100% solid material there is no shrinkage allowing a regeneration of the original bearing socket to its previous profile, saving time and money due to a reduced downtime and no specialist equipment required.

INDUSTRY

Power

LOCATION

Poland

APPLICATION DATE

August 2021

PRODUCTS

Belzona 1111 (SuperMetal)

SUBSTRATE

Steel

PHOTOS

Image 1: Bearing Socket

Image 2: Bearing Socket in Situ with Belzona 1111 Applied

Image 3: Bearing sockets re-built with Belzona 1111

Image 4: bearing back in situ.

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

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