

I.D. FAN SHAFT REPAIRED IN SITU WITH BELZONA

ID: 1034

Industry: Power
Application: MPT-Mechanical Power Transmission

Customer Location: Power plant, Bulgaria
Application Date: May 2006

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

Problem

Shaft damaged at bearing location by seized bearing.



Photograph Descriptions

- * Damaged area of the shaft undercut ,
- * All machining and application work carried out on site by using fan rotation and small hand lathe ,
- * Belzona® 1111 applied ,
- * Machining to the final diameter ,

Application Situation

Shaft of induced draft fan.

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet MPT-1. The journal was prepared and machined in situ using the draft of the gases to rotate the shaft. Simple small lathe was mounted to machine the area to desired diameter.

Belzona Facts

Belzona used to rebuild the original dimensions of the shaft without dismatling the fan. Belzona returned the equipment in service with minimal production down time. This procedure has become standard for emergency shaft repairs in the plant.

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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