

I.D. FAN SHAFT REPAIRED IN SITU WITH BELZONA

ID: 1034



PROBLEM

Shaft damaged at bearing location by seized bearing.

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 dismantling 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.

INDUSTRY

Power

LOCATION

Power plant, Bulgaria

APPLICATION DATE

May 2006

PRODUCTS

Belzona 1111 (Super Metal)

SUBSTRATE

Steel

PHOTOS

1. Damaged area of the shaft undercut
2. All machining and application work carried out on site by using fan rotation and small hand lathe
3. Belzona 1111 applied
4. Machining to the final diameter

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

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