

# BELZONA PUMP REPAIR COMPLETED WITH PORTABLE LATHE

ID: 939

Industry: *Power*  
Application: *MPT-Mechanical Power Transmission*

Customer Location: *Coal Power Plant, West Virginia*  
Application Date: *March, 2003*

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

## Problem

*Damage on packing gland area due to overtightning of packing and contaminated river water*



## Photograph Descriptions

\* Damage to cooling tower pump shaft , \* Set up and undercutting shaft , \* Applying Belzona® 1111 , \* Finished shaft repair ,

## Application Situation

Two 14" diameter shafts for cooling towers pumps

## Application Method

Application carried out in accordance with the Belzona Know-How System Leaflet MPT-1. A portable lathe was used to machine shafts in place.

## Belzona Facts

Cost of repairing shafts was less than \$2,000.00, saving thousands on removing, shipping and downtime. The only alternative was flame welding or sleeving costing more and resulting in the possibility of warping the shaft making Belzona® 1111 the best choice.

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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