

## BELZONA PROTECTS EXHAUSTER FAN

### CUSTOMER

Coal fired power plant

### APPLICATION DATE

January 2000

### APPLICATION SITUATION

Exhauster fan with abrasion-resistant blades.

### PROBLEM

The mounting holes are normally covered with a tile insert, but these came loose, exposing bolt to abrasion and failure. The spokes of the fan are also exposed to abrasion.

### PRODUCTS

Belzona® 1811 (Ceramic Carbide)

Belzona® 1812 (Ceramic Carbide FP)

### SUBSTRATE

Steel

### APPLICATION METHOD

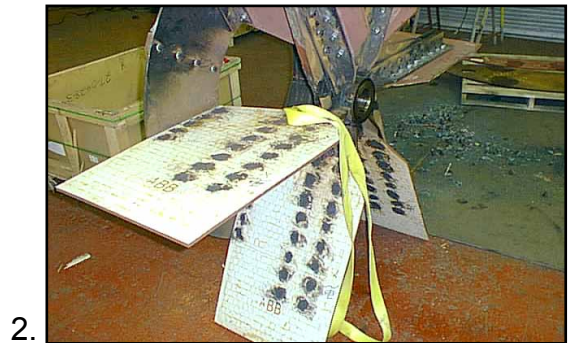
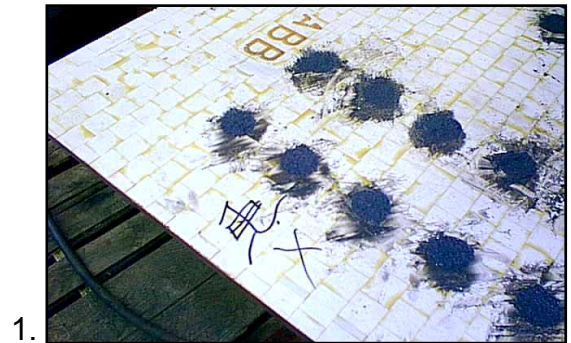
Application was carried out in accordance with Belzona® Know-How System Leaflet SHM-7.

### BELZONA FACTS

Erosion of bolts leads to premature shut-down. There are six blades to each exhauster and five exhausters in the plant. These normally require repair every two years.

### PICTURES

1. Belzona® 1812 applied to seal bolts.
2. General view of the fan.
3. Belzona® 1811 applied to fan spokes.



For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



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