

# BELZONA PROTECTS EXHAUSTER FAN

ID: 208

Industry: Power

Application: SHM-Solids Handling Machinery

Customer Location: Coal fired power plant

Application Date: January 2000

Substrate: Steel

Products: \* Belzona® 1811 (Ceramic Carbide) ,

\* Belzona® 1812 ,

## 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.



## Photograph Descriptions

- \* Belzona® 1812 applied to seal bolts ,
- \* General view of the fan ,
- \* Belzona® 1811 applied to fan spokes ,

## Application Situation

Exhauster fan with abrasion-resistant blades.

## 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.

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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manufactured under an ISO  
9000 Registered Quality  
Management System.

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