

TURBINE RESTORED AND PROTECTED WITH BELZONA

ID: 8071



PROBLEM

General erosion-corrosion on the turbine of a blower used as part of copper mining process. The erosion had caused a loss of material which could result in balancing issues.

APPLICATION SITUATION

Repair of a turbine suffering from corrosion and erosion.

APPLICATION METHOD

Application carried out in accordance with Belzona Know-How System leaflet FBC-01 & FBC-02. The turbine was grit blasted down to SA 2.5 and then the lost structure was rebuilt with Belzona 1311. Finally 2 coats of Belzona 1331 was applied to prevent further corrosion-erosion.

BELZONA FACTS

The cold applied Belzona solution was a fraction of the cost of having to replace the whole turbine and offered a quick return to service for the customer.

INDUSTRY

Mining & Quarrying

LOCATION

Portugal

APPLICATION DATE

2015

PRODUCTS

Belzona 1311 (Bearing Metal)
Belzona 1331

SUBSTRATE

Steel

PHOTOS

1. Overview of the blower
2. Eroded-corrode turbine
3. Belzona 1331 being applied to the turbine
4. blower back in service

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

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