

BELZONA 1811 PROTECTS OUTPUT SCROLL

ID: 222



PROBLEM

Extensive abrasion, up to 7.5mm (30 mils), of the existing glass flake coating and the 25mm (1 inch) thick tubular shaft.

APPLICATION SITUATION

The cossette scroll located at the diffuser output.

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet SHM-14.

BELZONA FACTS

If abrasive wear had continued, it would have ultimately caused the structural failure of the scroll shaft. By protecting the scroll shaft with a Belzona® abrasion resistant material during the annual outage, only minor sacrificial wear of the product occurred, thereby leaving the substrate undamaged. Unlike an "imitator's" system, the Belzona protection was found upon inspection at the next outage to be unaffected.

INDUSTRY

Sugar

LOCATION

Sugar factory in the United Kingdom

APPLICATION DATE

1999

PRODUCTS

Belzona 1811 (Ceramic Carbide)

SUBSTRATE

Carbon steel

PHOTOS

1. General view of the equipment
2. Application completed with Belzona 1811
3. View of equipment following a campaign in service

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

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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