

BELZONA® 1811 KEEPS THE MILLS WORKING

ID: 83

Industry: *Power*

Application: *SHM-Solids Handling Machinery*

Customer Location: *Fossil fuel power station*

Application Date: *Ongoing since 1995*

Substrate: *Steel*

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

Problem

Severe erosion of spinner blades caused by high velocity coal dust.



Photograph Descriptions

- * General view of the coal mills ,
- * Application of Belzona® 1811 being undertaken in the confined spaces ,
- * The completed application with Belzona® 1811 used to restore original profiles in localised erosion areas ,

Application Situation

Swirl inducers (spinners) in coal mill. The spinners help improve efficiency in pneumatic handling of pulverised fuel.

Application Method

Application carried out in accordance with Belzona System leaflets SHM-11 and SHM-13.

Belzona Facts

Alternative repairs by welding take several days to complete and cost £18,000, Belzona repairs are carried out at a fraction the cost.

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

Belzona products are
manufactured under an ISO
9000 Registered Quality
Management System.

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