

BELZONA REPAIRS TO STEEL ROLLING MILL

ID: 204

Industry: General Industry

Customer Location: Steel mill

Application: GSS-Gaskets, Seals and Shims

Application Date: October 1997 and December 1999

Substrate: Cast steel

Products: * Belzona® 1321 (Ceramic S-Metal) ,
* Belzona® 1221 (Super E-Metal) ,

Problem

Corrosion caused by cooling water between mill housing and load block. Increased clearance leads to loss of pre-tension on holding bolts.



Photograph Descriptions

- * Corrosion evident after grit blasting ,
- * Molds being positioned ,
- * Surfaces reformed with Belzona ,

Application Situation

Load block area on sides of mill (4 per mill)

Application Method

Application was carried out in accordance with a modified version of Belzona Know-How System Leaflet GSS-9.

Belzona Facts

First mill done in 1997 checked in 1999 and no change in clearances measured. Welding and machining considered but production losses would have been too great. Belzona application completed in 33-hour shut down with no production losses. Equipment and peripherals more reliable leading to increased quality and production.

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

ISO 9001:2015

Belzona products are

FS 695214

manufactured under an ISO

ISO 14001:2015

9000 Registered Quality

EMS 695213

Management System.

www.belzona.com


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