

BELZONA REPAIRS TO STEEL ROLLING MILL

ID: 204



PROBLEM

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

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.

INDUSTRY

General Industry

LOCATION

Steel mill

APPLICATION DATE

October 1997 and December 1999

PRODUCTS

Belzona 1321 (Ceramic S-Metal)
Belzona 1221 (Super E-Metal)

SUBSTRATE

Cast steel

PHOTOS

1. Corrosion evident after grit blasting
2. Molds being positioned
3. Surfaces reformed with Belzona

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

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under an ISO 9001 Registered
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