

BELZONA TRUNNION BEARING HOUSING REPAIR SAVES MONEY

ID: 1503



PROBLEM

Bearing housing had allowed particulates to pass into housing and caused significant wear. Rod Mill downtime costs 20k per hour.

APPLICATION SITUATION

Rod Mill trunion bearing housing had significant wear and insufficient downtime for traditional weld/machining repair.

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflet MPT-2. Housing was heated with torch to sweat out oils. The substrate was then blasted to a 2-3 mil profile. Application of the Belzona® 1311 followed to rebuild housing back to OEM specification.

BELZONA FACTS

Welding and Machining would have taken 7-10 days and the cost was \$40-60k not including downtime of the mill. Belzona application took 8 hours start to finish and at a significantly lower cost.

INDUSTRY

General Industry

LOCATION

Steel mill, Missouri

APPLICATION DATE

Summer 2010

PRODUCTS

Belzona 1311 (Ceramic R Metal)

SUBSTRATE

Steel

PHOTOS

Overview of Rod Mill Close up of worn housing Applying the Belzona 1311 Final repair

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.

www.belzona.com

