

BELZONA SAVES CRITICAL EQUIPMENT AT ZINC MINE

CUSTOMER

Zinc Mine, Namibia

APPLICATION DATE

December 2010

APPLICATION SITUATION

Raw ore mill at a zinc mine and refining facility

PROBLEM

Wear on the riding ring of the primary ore mill resulted in the development of a hole. This allowed leakage of slurry into the mill gearbox lubrication system. As this was a single stream mill, this was a critical piece of equipment and needed to be returned to service immediately.

PRODUCTS

Belzona 1111 (Super Metal)

SUBSTRATE

Mild Steel

APPLICATION METHOD

Belzona 1111 Super Metal was applied in accordance with a modified version of Belzona Know-How System Leaflet TCC-5

BELZONA FACTS

Belzona 1111 quickly sealed the leaking areas, preventing further contamination and allowed the critical part to return to service faster than conventional repair techniques, saving the customer in downtime and resulting production losses. After three years the repaired area was inspected and is still in perfect condition.

PICTURES

1. Aerial view of the Zinc mine
2. Initial view of the damaged area
3. Damaged area following cleaning
4. Belzona 1111 repair 3 years later



1.



2.



3.



4.

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



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