

## BELZONA REBUILDS SEAL FACE ON RAW MILL AT CEMENT PLANT

### CUSTOMER

Cement Plant, Nazareth, Pennsylvania

### APPLICATION DATE

March, 2007

### APPLICATION SITUATION

Rotating table of grinding mill for raw materials used in the production of cement.

### PROBLEM

Abrasion from the felt seal and limestone wore this major component of the mill.

### PRODUCTS

Belzona® 1812 (Ceramic Carbide FP)

### SUBSTRATE

Steel

### APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflet SHM-13. Limited access only allowed hand grinding for preparation followed by application of the Belzona® 1812 by trowel.

### BELZONA FACTS

Replacement was not an option and due to heat stress welding could not be attempted. Past success with Belzona in the plant led to its use, saving millions of dollars in potential production losses.

### PICTURES

1. Raw mill overall size
2. Worn seal area on rotating table
3. Belzona® 1812 applied and new felt seal and holder installed
4. Another general view of the mill

1.



2.



3.



4.



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



ISO 9001:2008  
Q 09335  
ISO 14001:2004  
EMS 509612

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