

# IMITATION IS A RISKY BUSINESS

ID: 424

Industry: General Industry

Application: SHM-Solids Handling Machinery

Customer Location: Cement company, Philippines

Application Date: January 2004

Substrate: Mild Steel

Products: Belzona® 1812 (Ceramic Carbide FP)

## Problem

Coal cyclone wears out fast due to abrasive action of coal particles at high velocity and temperatures of around 100°C.



## Photograph Descriptions

1. View of the cement facility.<br>
2. Agresive blasting surface preparation in process.<br>
3. Belzona® 1812 applied.

## Application Situation

Coal cyclone and pipes

## Application Method

Application was done in accordance with Belzona Know-How System Leaflet SHM-8.

## Belzona Facts

Field and test results have shown that Belzona® 1812 has excellent wear resistance against abrasive action of coal particles. The cyclone previously was coated with other imitators but those have worn quickly away.

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

ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

[www.belzona.com](http://www.belzona.com)

  
**BELZONA®**  
Repair • Protect • Improve