

# BELZONA PROTECTS COAL DIRECTOR

ID: 461

Industry: Power

Application: SHM-Solids Handling Machinery

Customer Location: Coal-fired Power Plant - Ontario, Canada

Application Date: June 2004

Substrate: Carbon Steel

Products: \* Belzona® 1812 (Ceramic Carbide FP) ,

## Problem

*The steel plate on the coal director was worn through and in need of replacement.*



## Photograph Descriptions

- \* Surface preparation ,
- \* Product was kept warm with the help of this steam pipe ,
- \* Completed application ,

## Application Situation

Coal director for pulverizer

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet SHM-13.

## Belzona Facts

New steel was put in place. Steel was hand prepared and Belzona® 1812 material was put down with 1/8" thickness. This Belzona system provides excellent abrasion resistance, while ensuring the coal moves as required.

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

Copyright © Belzona International Limited 2025