

Belzona Protects Blades Effectively against Abrasive Pulps

ID: 7485

Industry: *Mining & Quarrying*
Application: *SHM-Solids Handling Machinery*

Customer Location: *Mines, Chemicals Sector, Senegal*
Application Date: *February 2016*

Substrate: *Carbon steel*
Products: ** Belzona 1812 ,*

Problem

Severe blade abrasion



Photograph Descriptions

- * 1. Initial repair by welding ,
- * 2. Blades protected with Belzona 1812 ,
- * 3. Blades inspected after 12 months in service ,

Application Situation

Pulp-agitator blades in the chemical section of the phosphate mine.

Application Method

After removing the remainder of the rubber coating, the blades were welded on the heavily damaged areas. The surface was then grit-blasted before the application of Belzona 1812 according to the SHM-13 Belzona procedure.

Belzona Facts

Previously, the mine had to shut down the tank every month to replace the rubber-coated blades. Once coated with Belzona 1812, the blades were inspected after 12 months in service and were in good condition, requiring some retouching on about 10% of the surface: In 2017. the customer asked for a repair of 16 blades for other storage tanks.

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

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