

# BELZONA RESTORES CHIPPER DISC POCKETS TO LIKE NEW CONDITION

ID: 306

Industry: *Pulp & Paper*

Application: *SHM-Solids Handling Machinery*

Customer Location: *Pulp and paper mill in Washington, USA*

Application Date: *Winter 2000*

Substrate: *Steel*

Products: *\* Belzona® 1311 (Super R-Metal) ,  
\* Belzona® 1321 (Ceramic S-Metal) ,*

## Problem

*These chipper disc pockets are worn from continuous wood abrasion and eventually were unable to produce satisfactory chips.*



## Photograph Descriptions

- \* Significant metal loss on the exit side of the pocket ,
- \* Knives C-clamped into the wet Belzona ,
- \* Two coats of Belzona® 1321 for a finished smooth surface ,

## Application Situation

Pockets of a flywheel-type chipper disc.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet SHM-13. The actual knives were rebuilt using C-clamps to form the exact shaft of the pocket without machining.

## Belzona Facts

Rejects are minimized by restoring the pocket profile, and all the pockets are able to be rebuilt at once.

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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manufactured under an ISO  
9000 Registered Quality  
Management System.

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