

# BELZONA REBUILDS DAMAGED PUMP FLANGE

ID: 5193

Industry: *Mining & Quarrying*  
Application: *FPA-Floor Problem Areas*  
Substrate: *Cast Iron*  
Products: *\* Belzona 1311 (Ceramic R Metal) ,*

Customer Location: *BC, Canada*  
Application Date: *February 2004*

## Problem

*The cast iron pump casing had fallen of a pallet breaking part of the flange.*



## Photograph Descriptions

- \* Diagram showing support cage fabricated for the damaged area ,
- \* Rebuilding in progress ,
- \* Rebuilt flange ,

## Application Situation

Broken flange on pump

## Application Method

Application carried out in accordance with a modified version of Belzona Know-How System Leaflet FPA-1

## Belzona Facts

After tapping a number of holes along the broken flange edge, a reinforcement cage was bonded into place around the edge using a welding rod to provide some structural integrity to the area to be rebuilt. Once in place the various pieces were tack welded together.

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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