

# Belzona 4301 Rebuilds An Acid Intake Nozzle

ID: 8772

Industry: Chemical & Petrochemical  
Application: VPF-Valves, Pipes and Fittings  
Substrate: Steel  
Products: \* Belzona 4301 (Magma CR1 Hi-Build) ,

Customer Location: South Africa  
Application Date: February 2022

## Problem

The acid used in the process had severely damaged steel, affecting its structural integrity



## Photograph Descriptions

- \* 1 - Initial condition ,
- \* 2- Surface Preparation ,
- \* 3 - Belzona 4301 Application ,
- \* 4 - Belzona 4301 Application ,

## Application Situation

An acid intake nozzle was severely compromised, requiring an urgent repair.

## Application Method

Applied in accordance with Belzona system leaflet VPF-08

## Belzona Facts

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

Belzona 4301 offers a chemical resistant rebuild material which could resist the acids present in the process.

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