

# BELZONA GETS COMPRESSOR BACK TO SERVICE IN HOURS

ID: 1584

Industry: Buildings & Structures  
Application: CEP-Centrifugal Pumps  
Substrate: Steel  
Products: \* Belzona® 1321 (Ceramic S-Metal) ,

Customer Location: Fertilizer producer, Hungary  
Application Date: 2010

## Problem

Worn compressors are unable to supply the necessary amount of CO2 into the production line.



## Photograph Descriptions

- \* Worn surface ,
- \* Injecting Belzona® 1321 ,
- \* Smooth finished surface after removing former ,
- \* Finished compressor housing ,

## Application Situation

CO2 compressor, a key equipment in producing Amide fertilizer.

## Application Method

Application is carried out in accordance with a modified version of Belzona Know-How System Leaflet PDP-2 and MPT-2. Belzona® 1321 is injected into a stainless steel form prepared to match the required bore. It is treated with Belzona® 9411 (Release Agent) to aid removal once the Belzona® 1321 has cured.

## 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.

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**BELZONA**  
Repair • Protect • Improve

The cost of such an application is only a small fraction of a new equipment purchase. Another competitor had already failed because of its hand applied surface. Injecting Belzona® 1321 provides perfect and smooth surface within just a few hours.

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