

# END SUCTION PUMP REPAIRS WITH BELZONA

ID: 627

Industry: *Fluid Flow*  
Application: *PDP-Positive Displacement Pumps*

Customer Location: *Sugar beet plant, Portugal*  
Application Date: *February 2005*

Substrate: *Cast iron*  
Products: *\* Belzona® 1811 (Ceramic Carbide),*  
*\* Belzona® 1812 (Ceramic Carbide FP),*

## Problem

*The pumps had suffered severe erosion and significant corrosion caused by solids entrainment.*



## Photograph Descriptions

- \* Pump housing ,
- \* End covers with erosion clearly evident ,
- \* The components restored to original dimensions ,

## Application Situation

Several large end suction pumps used in processing of sugar beet.

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet SHM-11.

## Belzona Facts

Belzona repairs have already outlasted previous non-Belzona applications allowing them to save considerable downtime and expense.

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  
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