# **BELZONA RESTORES AND PROTECTS PUMP FROM FOOD INDUSTRY**

ID: 7493

Industry:Food & DrinkApplication:CEP-Centrifugal PumpsSubstrate:SteelProducts:\* Belzona 1111 (Super Metal) ,<br/>\* Belzona 1321 (Ceramic S-Metal) ,

Customer Location: Food Company, South Africa Application Date: March 2017

#### Problem

The existing coating was delaminating from the substrate and parts of this coating were going through the process which was unacceptable as it is a food application.



### **Photograph Descriptions**

- \* 1 Pump Casing before cleaning & blasting ,
- \* 2 Pump Casing after coating work completed ,
- \* 3 Pump Casing internals before repair ,
- \* 4 Pump Casing internals after coating had been completed. ,

## **Application Situation**

Previously coated pump used in food production.

### **Application Method**

Thge application was carried out in accordance with Belzona System Leaflet CEP-3 and CEP-05. The old coating had to be removed. Once this was completed the substrate was suitably prepared by grit blasting. Belzona 1111 was applied to rebuild worn areas and Belzona 1321 was applied over the entire casing and backplate.

## **Belzona Facts**

The entire repair was done in 3 working days over a long weekend enabling the customer to get their pump back into service in short period time frame.

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ISO 9001:2015 FS 695214 ISO 14001:2015 EMS 695213

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