

# BELZONA BECOMES STANDARD REPAIR ON BOTTLE FILLING EQUIPMENT

ID: 762

**Industry:** General Industry  
**Application:** ENC-Engines and Casings  
**Substrate:** Cast iron  
**Products:** \* Belzona® 4301 (Magma CR1 Hi-Build) ,  
\* Belzona® 4311 (Magma CR1) ,

**Customer Location:** Soft Drink Bottler, Michigan  
**Application Date:** April 2006

## Problem

Corrosion from spills causes the bottle location tooling to loosen. The loose tooling causes more spillage and an ever worsening corrosion.



## Photograph Descriptions

- \* Bushings installed and table prepared. Note deep corrosion pitting. ,
- \* Surface restoration with Belzona® 4301. ,
- \* Surface coated with Belzona® 4311. ,
- \* Stainless steel plates seated in Belzona for full support and corrosion protection. ,

## Application Situation

Cast iron bottling table for soft drinks

## Application Method

Tooling pockets are rebores and bushings installed. Where the pockets are corroded excessively and bushings cant be shrunk fit they are installed in Belzona® 4301 as per Belzona Know-How System Leaflet ENC-3b. The surface is then repaired with Belzona® 4301 and coated with Belzona® 4311 as per System leaflets TCC-3 & TCC-5. Stainless plates are installed and seated in the wet Belzona® 4311 for permanent protection from future spillage.

## Belzona Facts

The mobile line boring contractor travels worldwide repairing these bottle fillers. He will use nothing but Belzona due to world wide product availability, application support and proven long term resistance to acidic spills in the beverage industry.

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  
Management System.

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