

Belzona Becomes Standard Repair on Bottle Filling Equipment



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

STATISTICS

CUSTOMER

Soft Drink Bottler,
Michigan, USA

APPLICATION DATE

April 2006

SUBSTRATE

Cast Iron

PRODUCTS

Belzona® 4301
Belzona® 4311

APPLICATION SITUATION

Cast iron bottling table for soft drinks

PROBLEM

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

APPLICATION METHOD

Tooling pockets are rebored and bushings installed. Where the pockets are corroded excessively and bushings can't 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 & -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.