

# BELZONA SAVES VALUABLE DOWNTIME IN FOOD FACTORY

ID: 1195

Industry: General Industry

Application: VPF-Valves, Pipes and Fittings

Substrate: Carbon Steel

Products: <div>Belzona® 1121 (Super XL-Metal)</div><div>Belzona® 1161 (Super UW-Metal)</div>

Customer Location: Food Processing Facility, Louisiana U.S.A.

Application Date: December, 2008

## Problem

The carbon steel barrel began to leak due to erosion corrosion.



## Photograph Descriptions

\* Abrasive grit blasting the surface showed hole in substrate , \* Contrast between optimal grit blast and grinding , \* Completed application , \* Review of the procedure by the application crew ,

## Application Situation

Barrel of chiller circulating salt water

## Application Method

The application was performed in accordance with Belzona Know-How System Leaflet VPF-11A.

## Belzona Facts

The customer began to cycle salt water through the chiller barrel in an effort to lower the operating temperature of the unit and in turn, accelerate the production rate of the food process. Result was accelerated corrosion damage. A replacement for this barrel would not be available for six months, and a rupture would cause millions in lost production. Belzona saved the day, and was able

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.

[www.belzona.com](http://www.belzona.com)

  
**BELZONA®**  
Repair • Protect • Improve

to protect the barrel from this catastrophic failure.

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