

# BELZONA REPAIRS HOLE IN PROCESS KETTLE

ID: 5839

**Industry:** Food & Drink  
**Application:** VPF-Valves, Pipes and Fittings  
**Substrate:** Steel  
**Products:** \* Belzona 1511 (Super HT-Metal) ,  
\* Belzona 9111 (Cleaner Degreaser) ,  
\* Belzona 9341 (Reinforcement Tape) ,

**Customer Location:** Toronto, ON, Canada  
**Application Date:** April 2013

## Problem

A hole in the weld seam due to corrosion.



## Photograph Descriptions

- \* Prior to application ,
- \* Surface preparation in process ,
- \* Completed application ,
- \* Completed application ,

## Application Situation

Process kettle at a food production plant.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet VPF-1 for rebuilding erosion-corrosion damage. The surface was prepared by using a hand grinder. Belzona 9111 was used to remove all of the dirt and grease from the surface. A layer of Belzona 1511 was applied to the area and Belzona 9341 was wrapped over the layer. Then, Belzona 1511 was applied once again in accordance with the Belzona Instructions For Use.

## Belzona Facts

The customer chose the Belzona solution since Belzona 1511 is a high temperature repair system that is designed for repairing metal and rebuilding equipment, while providing excellent corrosion protection. Under immersion, Belzona 1511 is suitable for

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.

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**BELZONA**<sup>®</sup>  
Repair • Protect • Improve

applications up to 160°C (320°F). Belzona 1511 will not corrode and resists a wide range of chemicals. This repair material can be easily mixed and applied without the need for specialist tools and when cured is durable yet fully machinable.

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