

# Meat Processing Plant In Need of Belzona On Cooling Towers

ID: 7669

Industry: *Food & Drink*  
Application: *TCC-Tanks and Chemical Containment Areas*

Customer Location: *Florida, USA*  
Application Date: *December 4-9, 2017*

Substrate: *Carbon Steel*  
Products: *\* Belzona 5811 ,  
\* Belzona 5111 ,  
\* Belzona 3921 ,  
\* Belzona 3111 ,*

## Problem

*The customer spent a great amount of money on a new cooling tower. They did not want to have problems in the future with framework and piping.*



## Photograph Descriptions

- \* 1. Framework and piping before surface preparation. ,
- \* 2. Ongoing surface preparation using grit-blasting. ,
- \* 3. Framework after application of Belzona 5811 and Belzona 5111. ,
- \* 4. Piping after application of Belzona 3921 and Belzona 5111. ,

## Application Situation

The customer had acquired and installed a brand new cooling tower on an existing corroded framework. Piping system was also corroded.

## Application Method

Application carried out in accordance to a modified version of TCC-05. Framework was grit-blasted to NACE 2 Standard. One coat of Belzona 5811 and two coats Belzona 5111 were applied. Some sections of the framework were inaccessible for coating and -in lieu- the access point was sealed with Belzona 3111. Piping system was prepared using power tools. One coat of Belzona 3921 and two coats of Belzona 5111 were applied.

## Belzona Facts

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  
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Replacing cooling tower framework and piping would require the customer to shutdown for at least a week which they could not afford. Previous work at the plant had cemented Belzona's reputation and there was no hesitation to get this project. Savings were measured as not losing one week's production. They were also convinced that Belzona coating system will perform excellently for many years.

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