

MEAT PROCESSING PLANT IN NEED OF BELZONA ON COOLING TOWERS

CUSTOMER
Florida, USA

APPLICATION DATE
December 4-9, 2017

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

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.

PRODUCTS
Belzona 5811
Belzona 5111
Belzona 3921
Belzona 3111

SUBSTRATE
Carbon Steel

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
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.

- PICTURES**
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.



1.



2.



3.



4.

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