

# Belzona for Cooling Tower Basins - Even in Cold Weather

ID: 500

Industry: *Power*

Customer Location: *Electrical contracting company -  
Missouri, USA*

Application: *TCC-Tanks and Chemical Containment  
Areas*

Application Date: *December 2003*

Substrate: *Carbon steel*

Products: *\* Belzona® 5811 (Immersion Grade) ,*

## Problem

*Lack of protective coating allowed for leaks to develop.*



## Photograph Descriptions

- \* Side of tower, showing opening ,
- \* Interior, corroded ,
- \* First coat of Belzona® 5811 ,
- \* Final coat of Belzona® 5811 - ready for service ,

## Application Situation

Cooling tower basin

## Application Method

Application was carried out in accordance with a modified version of Belzona Know-How System Leaflet TCC-5.

## Belzona Facts

After postponing repairs for 4-5 years, the basin was leaking enough to force the issue. After surface preparation by grit blasting, there were many pin holes, but all were too small to allow the Belzona® 5811 to leak through so an impervious surface was achieved. Two cooling tower basins were protected in cold weather by placing heaters below the basin, and a tarpaulin across the top, so raising the interior temperature to 65°F (18°C).

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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