

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
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