

# HOTEL HOT WATER TANK RESCUE WITH BELZONA

ID: 5780

Industry: *General Industry*  
Application: *TCC-Tanks and Chemical Containment Areas*

Customer Location: *Oklahoma, USA*  
Application Date: *October 2013*

Substrate: *Carbon Steel*  
Products: *\* Belzona 1111 (Super Metal) ,*  
*\* Belzona 5891 (HT Immersion Grade) ,*

## Problem

*The hot water tank had been built into the mechanical room in a way that it was impossible to remove and replace it without resituating the whole set up of the room. It had sufficient damage on the interior due to corrosion and buildup of minerals and sediment over the years.*



## Photograph Descriptions

- \* Hot water tank in the back corner of the mechanical room ,
- \* Interior of the tank showing the corrosion and buildup of sediment ,
- \* Interior repaired and ready for coating ,
- \* Tank repaired and coated, looking like new! ,

## Application Situation

Potable hot water tank at a large hotel.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet TCC-5. The substrate was first cleaned of loose debris with a chipping hammer then sandblasted to near white metal SSPC-10. It was tested for chlorides. All pitting and weld seams were filled with Belzona 1111, which accounted for about 90% of the substrate surface. Then it was coated with a dual coat system of Belzona 5891.

## 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  
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Being able to rebuild and coat this in place saved the customer a substantial amount of money due to the fact that it was not easily accessible and the mechanical room would have to be reorganized to be able to remove it and replace it.

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