

# BELZONA SEALS CARBON STEEL DIGESTER DOME

ID: 348

Industry: Water / Wastewater

Customer Location: Wastewater treatment plant, primary digester

Application: TCC-Tanks and Chemical Containment Areas

Application Date: November 2001

Substrate: Concrete and carbon steel

Products: \* Belzona® 2221 (MP fluid Elastomer),  
\* Belzona® 2911 (QD Conditioner),

## Problem

This 80 foot diameter carbon steel digester dome was originally sealed with a tar pitch. The seal had broken down over the years and was leaking at several locations.



## Photograph Descriptions

- \* Three inches of original job excavated ,
- \* Dome seal grit blasted and blown dry ,
- \* Pouring of Belzona® 2221 (MP fluid Elastomer) ,
- \* 225 linear feet completed ,

## Application Situation

80 foot diameter carbon steel digester dome.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet TCC-12.

## Belzona Facts

There have been no leaks since the completion of the job and Belzona was the only proposal that assured the longevity of the repair.

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

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