

# BELZONA SEALS JOINTS IN UNDERGROUND PIPELINE

ID: 1226

Industry: *Buildings & Structures*

Application: *CEP-Centrifugal Pumps*

Substrate: *Concrete*

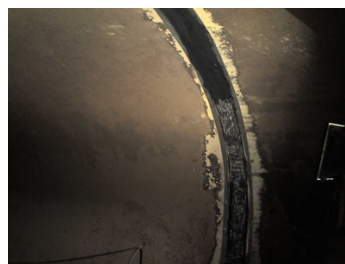
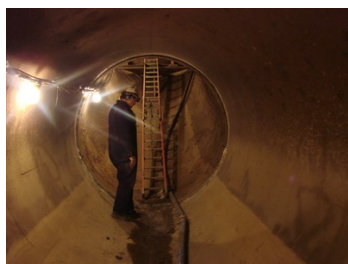
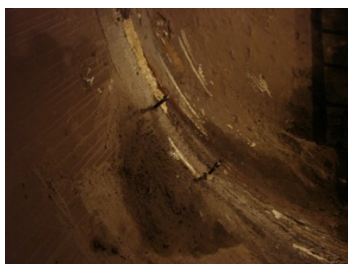
Products: *\* Belzona® 4111 (Magma Quartz) ,  
\* Belzona® 2211 (MP Hi Build Elastomer) ,*

Customer Location: *Power plant, Western Kentucky*

Application Date: *2007*

## Problem

*Power Plant was losing the cooling water through the expansion joints at the concrete pipe junctions.*



## Photograph Descriptions

- \* Joints before the application of Belzona ,
- \* Joints before the application of Belzona ,
- \* Application of Belzona® 2211 ,
- \* Completed application ,

## Application Situation

Underground Concrete Pipes from the Cooling Tower to the Condensor.

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflets HEX-13a and 13b. Joints were grit blasted before Belzona® 4111 was used to repair joint edges. Finally joints were sealed with Belzona® 2211.

## Belzona Facts

Other sealants had failed. Belzona was chosen to seal leaks in ten joints. Belzona provides excellent adhesion to existing concrete and high elasticity of Belzona® 2211 ensures an effective long term watertight seal.

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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