

# 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

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manufactured under an ISO  
9000 Registered Quality  
Management System.

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