

# CAUSTIC BUND REFURBISHED WITH BELZONA

ID: 6184

**Industry:** Power  
**Application:** TCC-Tanks and Chemical Containment Areas  
**Substrate:** Concrete  
**Products:** \* Belzona 4111 (Magma Quartz),  
\* Belzona 5811 (Immersion Grade),

**Customer Location:** Power Station, Queensland, Australia  
**Application Date:** June 2008

## Problem

Spills of Caustic soda over many years had caused serious deterioration of the concrete floor and support plinths under the valves.



## Photograph Descriptions

\* 1. The damaged bund 2. Floor rebuilt and profiled with B4111 3. 1st coat of Belzona 5811 applied 4. 2nd coat of Belzona 5811 applied to complete the application ,

## Application Situation

Badly damaged concrete and support plinths in a Caustic Containment area.

## Application Method

Application was carried out in accordance with Belzona System Leaflets TCC-9 and TCC-15. After removing damaged concrete the area was high pressure water washed and neutralised with dilute hydrochloric acid. When dry, damaged areas of concrete were rebuilt with Belzona 4111 before coating with Belzona 5811 to provide overall protection.

## 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  
9000 Registered Quality  
Management System.

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Repair • Protect • Improve

Belzona materials were chosen as they could be applied with the minimum of downtime for the 24/7 operating facility and still provide the required level of strength and chemical resistance required for the bund to provide years of trouble free service.

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