

# BELZONA REPAIRS INJECTION PIPES IN FGD UNIT

ID: 1093

Industry: Power

Application: VPF-Valves, Pipes and Fittings

Substrate: Glass Reinforced Plastic

Products: \* Belzona® 1391 (Ceramic HT) ,  
\* Belzona® 1812 (Ceramic Carbide FP) ,

Customer Location: Power Station, Thailand

Application Date: November 2005 & 2007

## Problem

Limestone slurry is injected through the nozzles. This falls on the GRP pipeline connecting the nozzles causing holes



## Photograph Descriptions

- \* Typical damage to the pipework ,
- \* Surface preparation being carried out ,
- \* Application being carried out ,
- \* Completed application ,

## Application Situation

Lime Slurry Injection pipeline within the wet FGD scrubber

## Application Method

Application carried out in accordance with Belzona Know-How System Leaflet VPF-11a. Belzona® 1812 used to repair holes then overcoated with Belzona® 1391

## Belzona Facts

Originally Belzona® 1311 used to repair pipes but after 2 years Belzona® 1391 worn away and part of the Belzona® 1311 exposed. Redone with Belzona® 1812. This system performed significantly better and after 2 years was reported to be more than 80% intact.

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.

[www.belzona.com](http://www.belzona.com)

**BELZONA**  
Repair • Protect • Improve