

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

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