

# BROKEN INSULATORS REPAIRED WITH BELZONA

ID: 649

Industry: Power  
Application: VPF-Valves, Pipes and Fittings  
Substrate: Porcelain  
Products: \* Belzona® 1111(Super Metal) ,  
\* Belzona® 1391(Ceramic HT) ,

Customer Location: Power plant , Egypt.  
Application Date: October 2005.

## Problem

Two Insulators were cracked and broken. Also the copper pipe inside one of them was broken.



## Photograph Descriptions

- \* The broken Insulator. ,
- \* The second Insulator. ,
- \* Belzona® 1111 was applied to fill the cracks and broken areas. ,
- \* Repaired Insulator. ,

## Application Situation

Insulator Bushings.

## Application Method

Application was carried out in accordance with modified Belzona Know-How system leaflets VPF-1 & VPF-2. Original profiles were restored with Belzona® 1111 and smooth top surface created using Belzona® 1391.

## Belzona Facts

Belzona perfectly repaired the badly broken Insulators saving the costs of new units beside the long import time. After the repair the dry resistance of the insulators was measured and found to be about 5000 mega ohm which was much higher than the normal resistance of the old insulators.

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