

# BROKEN INSULATORS REPAIRED WITH BELZONA

ID: 649



## PROBLEM

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

## 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.

## INDUSTRY

Power

## LOCATION

Power plant , Egypt.

## APPLICATION DATE

October 2005.

## PRODUCTS

Belzona 1111(Super Metal)  
Belzona 1391(Ceramic HT)

## SUBSTRATE

Porcelain

## PHOTOS

1. The broken Insulator.
2. The second Insulator.
3. Belzona 1111 was applied to fill the cracks and broken areas.
4. Repaired Insulator.

For more examples of Belzona Know-How in Action, please visit [khia.belzona.com](http://khia.belzona.com)

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