

# BELZONA KEEPS THE LIGHTS BURNING

ID: 1294

Industry: Power  
Application: VPF-Valves, Pipes and Fittings  
Substrate: Ceramic and steel  
Products: \* Belzona® 1161 (Super UW-Metal) ,

Customer Location: Power Station, Western Australia  
Application Date: July 2009

## Problem

The seal around ceramic bushing had degraded allowing oil to leak out which in turn reduced the operational efficiency of the unit.



## Photograph Descriptions

- \* General view of site with access from mobile platform ,
- \* Application of Belzona® 1161 applied in conjunction with Reinforcement tape ,
- \* Completing the application ,

## Application Situation

Bushing of both blue and red phase of 330KV oil filled transformer. This is a major unit responsible for power supply to a major part of the city.

## Application Method

Application was carried out in accordance with a modified version of Belzona Know-How System Leaflet VPF-11a. A vacuum was drawn on the unit to reduce/stem any oil leak. An MBX Bristle blaster was used to prepare the surface. Belzona® 1161 was used in conjunction with Belzona® 9341 (Reinforcement Tape) to seal over the leaking joints.

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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Belzona Facts

There was a significant lead time in obtaining replacement bushing and the continuous filling of the existing bushing was both time consuming and expensive.

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