# BELZONA SEALS SF6 LEAKS ON GAS CHARGED CIRCUIT BREAKER

ID: 1488

Industry: Power Company, UK

Application: ENC-Engines and Casings Application Date: 2007
Substrate: Aluminium and porcelain

Products: \* Belzona® 2311 (SR Elastomer),

### Problem

SF6 gas leaking through porcelain bushing seals







# **Photograph Descriptions**

- \* General view of the repair area (Top and Bottom),
- \* Top bushing sealed,
- \* bottom bushing sealed,

## **Application Situation**

Gas charged circuit breakers in sub station

## **Application Method**

Application was carried out in accordance with a modified Belzona Know-How System Leaflet ENC-10. Following surface preparation to profile the metal and remove the glaze from the porcelain Belzona® 2311 was used to create an elastomeric seal.

### **Belzona Facts**

Cost of replacing two new bushings was £10,000. The Belzona repair cost £300.

For more examples of Belzona Know - How In Action, please visit https://khia.belzona.com

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FS 695214 manufactured under an ISO
ISO 14001:2015 9000 Registered Quality
EMS 695213 Management System.

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