

BELZONA REPAIRS TRANSFORMER FLANGE OIL LEAK

ID: 1491

Industry: Buildings & Structures

Application: GSS-Gaskets, Seals and Shims

Substrate: Steel

Products: * Belzona 2221 (MP Fluid Elastomer) ,

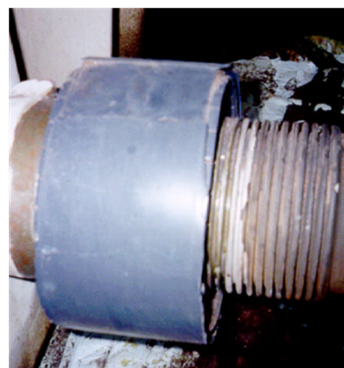
* Belzona 1221 (Super E-Metal) ,

Customer Location: Arizona, USA

Application Date: July 1992

Problem

Oil leaks raised maintenance, EPA and safety concerns. Replacement of gaskets would require shut-down and dismantling of equipment.



Photograph Descriptions

- * 1. Oil leak area of transformer ,
- * 2. Seal with Belzona 1221, then pour Belzona 2221 encapsulated the flange ,
- * 3. Application completed ,

* ,

Application Situation

Flanged pipe connections on transformer flange at the major power company.

Application Method

The application was carried out in accordance with a modified of Belzona Know-How System Leaflet VPF-11 and GSS-4. Leaks were firstly stopped by using Belzona 1221. Mould was constructed and a fluid grade of Belzona 2221 was poured in to encapsulate the flange.

Belzona Facts

Repairs were carried out in-situ without the need to take the transformer off-line. Savings were estimated at \$150,000. The repaired

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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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flange was in continuous operation for over 4 years.

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