

BELZONA REPAIRS TRANSFORMER FLANGE OIL LEAK

CUSTOMER

Arizona, USA

APPLICATION DATE

July 1992

APPLICATION SITUATION

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

PROBLEM

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

PRODUCTS

Belzona 2221 (MP Fluid Elastomer)

Belzona 1221 (Super E-Metal)

SUBSTRATE

Steel

APPLICATION METHOD

The application was carried out in accordance with modified versions of Belzona Know-How System Leaflets 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 flange has been in continuous operation for over 4 years.

PICTURES

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



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ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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