

BELZONA REPAIRS TRANSFORMER FLANGE OIL LEAK

ID: 1491



PROBLEM

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

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 flange was in continuous operation for over 4 years.

INDUSTRY

Buildings & Structures

LOCATION

Arizona, USA

APPLICATION DATE

July 1992

PRODUCTS

Belzona 2221 (MP Fluid Elastomer)
Belzona 1221 (Super E-Metal)

SUBSTRATE

Steel

PHOTOS

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

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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