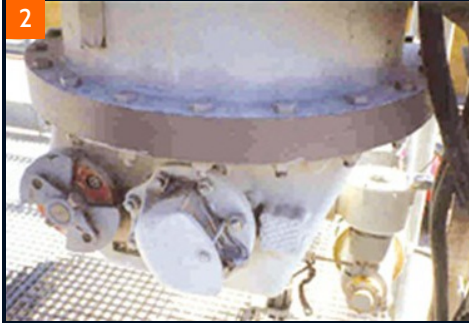


BELZONA SEALS SULFUR HEXAFLUORIDE LEAKS

ID: 273



PROBLEM

Leakage at flange joints due to breakdown of the original mastic sealer. There was also a breakdown of the original paint system on the equipment.

APPLICATION SITUATION

Flange joints on electrical switch-gear where Sulphur Hexafluoride (SF₆) is used as a gaseous insulant.

APPLICATION METHOD

After blasting to remove existing coatings and mastic, Belzona® 1111 was used to seal the flange joint. Belzona® 3921 was then applied to create a base for a conventional paint that was spray applied to the area.

BELZONA FACTS

A laser leak detection camera on the sealed flanges has revealed no leaks, and an order has been received for all 515 flanges on the site due to the success of the first application.

INDUSTRY

Power

LOCATION

Electric distributor in Australia.

APPLICATION DATE

February 2001

PRODUCTS

Belzona 1111 (Super Metal)

Belzona 3921 (GSC Surface Conditioner)

SUBSTRATE

Aluminium

PHOTOS

1. Existing joints showing failed paint system
2. Belzona 1111 applied to seal joint
3. Area primed with Belzona 3921
4. Spray application of paint system to complete the application

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

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

www.belzona.com

