

BELZONA UPGRADE TO LARGE TRANSFORMER

ID: 3090



PROBLEM

Oil was leaking from many of the flanges. Replacing the seals was not an option. This would have required draining the 42 tonnes of oil from the transformer as well as individually dismantling the 70 flange faces, a very time-consuming task.

APPLICATION SITUATION

70 Flange faces of one of the transformers. Large transformer with no fewer than 70 flanged joints.

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflet VPF-11a.. After the surface was prepared using an MBX Bristle Blaster followed by degreasing the substrate, Belzona® 1161 and Belzona® 9341 (Reinforcement tape) were applied onto the whole surface of the flange faces in order to stem the leaks.

BELZONA FACTS

Belzona offered a cost-effective solution to the client to cold-seal the leaking flange faces without the need to drain down the oil. The application only took two weeks to complete, far less than the alternative of replacing the seals, and allowed a quick return in service of the transformer.

INDUSTRY

Power

LOCATION

Power plant, North of France

APPLICATION DATE

January 2012

PRODUCTS

Belzona 1161 (Super UW-Metal)

SUBSTRATE

Steel

PHOTOS

1. Original condition of the flange faces
2. Repair with Belzona 1161 and Belzona 9341
3. Belzona being applied to encapsulate the bolts
4. Finished application.

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

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