

BELZONA SEALS OIL LEAKS ON TRANSFORMER BUSHINGS

ID: 4310

Industry: Power
Application: VPF-Valves, Pipes and Fittings
Substrate: Ceramic & Metal
Products: * Belzona 1161 (Super UW Metal) ,

Customer Location: Gas-Fired Power Plant - Toronto, Canada
Application Date: June 2012

Problem

It was noted that a small oil leak was present at the bushing. No oil should leak from this bushing. The heavy electrical cables were not supported adequately.



Photograph Descriptions

- * Transformer bushings ,
- * Ceramic insulator after abrading with Dremel and cleaning ,
- * Ceramic insulator and bushing masked off ,
- * Application completed ,

Application Situation

During the summer outage, the maintenance crew noted that some oil was present in the sump pit beneath the transformers.

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet VPF-11. The ceramic insulator was roughened with a Dremel before applying the Belzona 1161 by brush to seal the oil leaks.

Belzona Facts

The conventional alternative would have been to drain the transformers, replace the ceramic insulators including the bushings. It would have taken at least 2 days to complete this project. The application of Belzona 1161 as described only took 3 hours per transformer. Two transformers were completed within the same shutdown.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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