

C57.19.100 Bushing Application Guide Meeting Minutes – 3/25/19 Spring Meeting

The meeting was called to order at 3:23 with 59 people present, 19 members (out of 28), 17 guests and 20 new guests with 5 requests for membership. Quorum was achieved.

After introductions, a request for patent disclosures was made and none were presented.

Minutes from the Fall 2018 meeting minutes were approved. Motion by Jeff Benach second by Mario Locarno.

The PAR has been submitted.

C57.19.01 Annex A should be referred to for TBI bushings. For gas filled bushings refer to C37.017

A proposed change comment for the Operation of bushings in transformers with ambient temperatures greater than 40C was sent in for inclusion in the guide.

A proposed change comment for Operation of bushings in transformers with Top Oil Temperature rise greater than 65C was also requested for the new guide.

A proposed change comment regarding new technology allowing higher thermal insulation classes be added to the guide.

Discussion on bushing hot spots up to 120C which can be above the 105C temperature rise. Transformer loading guide allows a bushing hotspot at 150C realizing it reduces the life of the bushing, especially reducing the life of the bushing gasket.

Discussion held on how to apply this to other types of bushings, such as Resin bushings in an Annex.

The meeting was adjourned at 4:32 PM

Tommy Spitzer, Chair
Jeff Benach, Secretary
March 25, 2019