

**Distribution Transformer Subcommittee
Task force / Working Group Report**

Document #: IEEE C57.15 / IEC60076-21

Document Title:

IEEE Standard Requirements, Terminology, and Test Code for Step-Voltage Regulators

Chair: Craig Colopy Vice-Chair: Gael R Kennedy
Secretary: _____

Current Draft Being Worked On: PC57.15/D2.3 Dated: April 2017

Meeting Date: Monday 3 April 2017 Time: 16:45 to 18:00

Attendance:	Members	<u>25</u>
	Guests	<u>10</u>
	Total*	<u>35</u>

* For details of attendance, please refer to AMS system of the Transformers Committee

Meeting Minutes / Significant Issues / Comments:

Step-Voltage Regulators IEEE C57.15 / IEC60076-21

Meeting Room: St Charles AB (1st FL)

Astor Crowne Plaza Hotel - New Orleans, Louisiana USA

1. Craig Colopy opened the meeting and introductions were made by the attendees.
2. Distribution of attendance sheets. Essential Patent call made by Craig Colopy - None received from attendees. Check for Quorum was made, 22 from card reader vs. 25 visual count, Members in attendance. Quorum was achieved (38 members). 15 members attended the Saturday working session - 1 April 2017.
3. Approval of agenda - Dan Sauer made Motion, Steve Shull seconded, no opposition to approval.
4. Approval of minutes from Spring meeting in Vancouver BC, Canada - Motion for approval by Fred Friend and second by Steve Shull , no opposition to approval.
5. Discussions/ decisions with regard to a majority of the comments from Draft 2.0 ballot resulted in the completion of Draft 2.2. Discussions/ decisions with regard to the balance of the comments as well as the comments from IEC generated Draft 2.3.

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Summary of work completed from Saturday's all day session was presented. The following was submitted for review:

- a. New subclause, Over-Excitation, was created from text taken from previous clause.
 - b. Added detail in the document on the difference between the thermal and mechanical force short-circuit test requirements with regard to the 25X requirement.
 - c. Separated out the routine and type testing of the complete voltage regulator from the key components. Clause identified as components added to Draft 2.3 covering tank integrity, control and on-load tap-changer.
 - d. Added additional requirement from IEC for nameplate data (weight of fluid when specified).
 - e. Note added for Lifting Lug Section regarding the possible need of a spreader bar when lift the complete unit.
 - f. Clarified the need to perform dielectric testing before visual inspection after a short circuit test.
8. Unanimous decision from committee members was received to have Draft 2.3 go for recirculation and formation of IEC CDV after final review by the working group.
9. Move for Adjournment - Fred Friend made Motion, Steve Shull seconded, no opposition to approval. Close of meeting.

Submitted by: Gael R Kennedy and Craig Colopy
Date: 3 April 2017