

Distribution Transformer Subcommittee

Task force / Working Group Report

Document #: C57.12.20

Document Title:

Standard for Overhead Type Distribution Transformers, 500 kVA and Smaller, High-Voltage 34 500 Volts and Below; Low-Voltage, 7970/13 800 Y Volts and Below

Chair: Al Traut Vice-Chair Ed Smith
Secretary _____

Current Draft Being Worked On: NEW REVISION DISCUSSION Dated: _____

Meeting Date: 03/26/2018 Time: 11:00am – 12:15pm

Attendance:	Members	<u>33</u>
	Guests	<u>44</u>
	Total*	<u>77</u>

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

Meeting Minutes / Significant Issues / Comments

MEETING MINUTES FROM THE C57.12.20 WG MEETING ON 03/26/2018

The meeting was called to order at 11:02am on 03/26/2018 immediately followed by introductions.

The patent policy was reviewed per guidelines from the ADCOM Meeting:

“If any individual believes that Patent Claims might be Essential Patent Claims, that fact should be made known to the entire working group and will be duly recorded in the minutes of the working group meeting. This request shall occur at every standards-developing meeting once the PAR is approved by the IEEE-SA Standards Board.”

NONE WERE BROUGHT FORWARD

The Chair then move to the rosters and membership

Three new members added since last meeting

Israel Barrientos

Eric Theisen

Lee Welch

Based on the WG members listed on the roused and projected at the meeting a quorum was declared after a showing of hands (33 members present).

Four attendees requested membership during the S18, Pittsburgh, PA meeting

Distribution Transformer Subcommittee Working Group Report

The Chair asked if any member objected to the proposed agenda as displayed to the Working Group. No objections were brought forward so the agenda was approved as submitted. A copy is listed below for record purposes.

IEEE Transformers Committee

WG Overhead Distribution Transformers C57.12.20

Meeting Location/Time: Omni William Penn Hotel

Pittsburgh, PA

Monday March 26, 2018, 11:00am – 12:15pm

Meeting Agenda:

1. Welcome, Introductions & Rosters
2. Call for Patents
3. Membership & Quorum
4. Approval of Agenda
5. Approval of Previous Minutes
6. Chair Report
7. Old Business
 - a. Review topics for next draft
8. New Business
 - a. New PAR vote
9. Next Meeting Announcement
10. Adjourn

The Chair asked if any member objected to the F17 (Louisville, KY) minutes as submitted to the Working Group. No objections were brought forward; therefore, the F17 Minutes were unanimously approved at the S18 Pittsburgh, PA meeting. Rod Stahara made motion seconded by second by Said Hachichi.

The Chair reviewed the status of the current document (see below)

C57.12.20-2011 published on September 20, 2011.

10-year cycle ends September 20, 2021

PAR approved by NESCOM June 2012.

PAR Extension granted Dec 2016

PAR Expires December 31, 2017 (1 yr extension)

D6 Approved at 9/28/2017 RevCom Meeting

C57.12.20-2017 published 11/20/2017

The Chair thanked everyone for their hard work to get C57.12.20 document published.

Primary focus for this meeting is agreeing on the agenda for the next revision. The Chair suggested the following topics to be considered . . .

Introduce and address the platform mounting arrangement into the standard. This topic will not be pursued in the next revision.

Distribution Transformer Subcommittee Working Group Report

Update 12.20 to reference 12.39 regarding tank pressure and pressure relief. Carlos Gaytan agreed to head this up.

Three phase connections are currently delta and wye only. Do we want to include the TT connection in this standard? Giuseppe Termini agreed to head this up

LV Terminals. We need to address some of the interchangeability discussion. We need to make sure that this standard follows what is being addressed in C57.19.02 ,i.e. tank hole and stud sizes, etc. The Chair suggested that we wait until C57.19.02 gets further along to avoid the duplication of effort. Agreement from the members to defer this activity until C57.19.02 is further along and we have a clearer direction.

There are some things in the document that may need to be rearranged and placed in different clauses., eg, lifting lugs & support Lugs. Are they tank features or accessories? The Chair (Al Traut) agreed to work on this.

Should we consider adding the requirements for coastal application to align with 12.30 Enclosure Integrity? Mike Thibault Agreed to work on this. Bill Wimmer agreed to help.

The Chair pointed out that technically we are without a PAR . . . Between now and the next meeting let's look at the scope and purpose to submit for the PAR

Current Document lists . . .

Title

IEEE Standard for Overhead-Type Distribution Transformers 500kVA and Smaller: High Voltage, 34 500 V and Below; Low Voltage, 7970/13 800Y V and Below

1.1 Scope

This standard covers certain electrical, dimensional, and mechanical characteristics and safety features of single- and three-phase, 60-Hz, liquid-immersed, self-cooled, overhead-type distribution transformers 500 kVA and smaller, high voltages 34 500 V and below and low voltages 7970/13 800Y V and below.

1.2 Purpose

This standard is intended for use as a basis for determining the performance, interchangeability, and safety of overhead-type distribution transformers and to assist in the proper selection of this equipment.

The next meeting will be held October 2018 in Jacksonville, FL

Meeting adjourned 11:40

Submitted by: Edward Smith
03/26/2018