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06 December 2006

William R Goldbach
3225 Poinsetta CT
Chester, VA 23831 USA
wgoldbach@ieee.org

Re: PC62.33 - Standard Test Specifications for Varistor Surge-Protective Devices

Dear William:

I am pleased to report that on 06 December 2006 the IEEE-SA Standards Board approved the extension request of the above-referenced project until 31 December 2008.

If you should have any further questions, please contact me at +1 732 562 6003 or by email at s.hampton@ieee.org.

Sincerely,

Sherry Hampton
Administrator, Governance
Standards Activities
Phone +1 732 562 6003
FAX +1 732 875 0695
Email: s.hampton@ieee.org

CC: d.dorr@ieee.org, stds-pes-scc@ieee.org, m.j.maytum@ieee.org

IEEE-SA Standards Board Extension Request

Revised 23 June 2004

1. Date of Request: 29-Sep-06
2. Assigned Project Number: PC62.33
3. Project Title: Standard Test Specifications for Varistor Surge-Protective Devices
 - a. Name of Working Group (WG): Low Voltage Solid State Surge Protective Device Components, 3.6.2
 - b. Name of Working Group Chair: Michael (Mick) J Maytum
 - c. Name of Sponsoring Society and Committee: PES Surge Protective Devices Committee
 - d. Name of Sponsoring Committee Chair: Doug Dorr
4. Contact Information (Contact should be the person who will answer any questions concerning this extension request):
 - a. Name: William Goldbach
 - b. Telephone: 804-318-1739
 - c. FAX:
 - d. EMAIL: wgoldbach@ieee.org
5. Statement of why an extension is required. This should include a description of what the working group has accomplished and what remains to be accomplished, along with the reasons why the work was unable to be completed in the allotted timeframe The SPDC schedule now runs the Power SPD WGs in parallel with the signal and component WGs. This has meant that key contributors are in a power SPD meeting so missing the component WG meeting. To move things along, the document has been developed in fragments and many of the contributions are electronic homeworks. However, only about 50 % of the homeworks are ever turned in. There are now sufficient fragments to be consolidated into a draft for ballot. This will be presented to the WG at the 2006 Fall meeting
6. History
 - a. What date was the PAR first approved? 3-Sep-02
 - b. What date did you begin writing the first draft? 22-May-02
 - c. How many people are actively working on the project? 12
 - d. How many times a year does the working group meet:
 1. In person? 2
 2. Via teleconference? 0
 - e. How many times a year is a draft circulated to the working group via electronic means? 2
7. Document Progress
 - a. What percentage of the Draft is stable? 85%
 - b. How many significant work revisions has the Draft been through? 7
8. Project Plan

(Item #8a is only for projects that have been balloted. If your draft has not yet gone to ballot, please go to Item #8b)

a. Balloting History - Provide history of all IEEE Sponsor ballots under this project::

1st Ballot Close date (or scheduled close):

1st Ballot Draft Number:

1st Ballot results (% affirmative, %negative, %abstain):

2nd Ballot Close date (or scheduled close):

2nd Ballot Draft Number:

2nd Ballot results (% affirmative, %negative, %abstain):

(Add additional entries for ballots as needed):

When do you estimate that the final IEEE Sponsor ballot will be completed?

When do you expect to submit the proposed standard to RevCom?

b. For projects that have not yet begun Sponsor ballot, please answer the following:

When will IEEE sponsor balloting begin? 26-May-07

When do you estimate that the final IEEE Sponsor ballot will be completed? 26-Nov-07

When do you expect to submit the proposed standard to RevCom? 15-Feb-08

9. Future Adoptions

- If this is a new document, will it be adopted (in part or in whole) by another national, regional or international organization? Do Not Know If yes, which organization?
- If this is a revision of an existing document, has this document been adopted by the IEC, ISO, ETSI, SCC, etc? No If yes, which organization?

10. Additional Extensions

a. Is this the first request for an extension? Yes (If yes, please do not go any further. You have completed the form.)

b. If not, when was the previous extension approved?

After completion of this form, please e-mail this to the NesCom Administrator at nescom-admin@ieee.org. Confirmation of submittal will be sent on receipt of this request.



Jodi Haasz

03/26/2002 09:09 AM

To: wgoldbach@ieee.org
cc: m.j.maytum@ieee.org, dwlenk@ieee.org, stds-pes-scc@ieee.org
Subject: PC62.33

26 March 2002

Mr. William Goldbach
Innovative Technology
1251 Venetia Drive
Spring Hill, FL 34608

Re: PC62.33 Standard Test Specifications for Varistor Surge-Protective Devices

Dear Bill:

I am pleased to inform you that on 21 March 2002 the IEEE-SA Standards Board approved the above referenced project until December 2006. A copy of the file is attached in .pdf format.

Now that your project has been approved, please forward a roster of participants involved in the development of this project. This request is in accordance with the IEEE-SA Operations Manual, Clause 5.1.2f under *Duties of the Sponsor* which states:

"Submit annually to the IEEE Standards Department an electronic roster of individuals participating on standards projects"

Attached is an Excel spreadsheet for your convenience. Please forward this list to me via e-mail at j.haasz@ieee.org no later than 1 June 2002.

At the bottom of this e-mail, please find URLs which you may find useful in the development of your proposed standard and in submitting your final draft for approval. We strongly recommend that a copy of your draft be sent to this office for review prior to the final voting by the working group to allow for a quick review by the editorial staff before sponsor balloting.

If you should have any further questions or would like to receive this information in paper, please contact me at 732-562-6367 or by email at j.haasz@ieee.org.

Sincerely,

Jodi Haasz
Senior Administrator
IEEE-SA Governance and Electronic Processes

PS - The information in the .pdf file is viewable in Adobe Reader, version 3.0 or higher. If you do not have this software, please go to <http://www.adobe.com/prodindex/acrobat/readstep.html#reader> to download the free version.

Standards Process-at-a-Glance
<http://standards.ieee.org/resources/glance.html> - A quick-reference site useful to any standards developer.

IEEE Standards Style Manual

<http://standards.ieee.org/guides/style/index.html> - Guidelines that establish style and format requirements for the preparation of proposed IEEE standards.

IEEE Standards Companion

<http://standards.ieee.org/guides/companion/index.html> - An overall view of the standards process; what to do, what to avoid, lessons learned, and sample forms.

Implement Plan for Metric Policy 9.20

<http://standards.ieee.org/announcements/metric.html> - Information on when, why and how the plan will be implemented and what exceptions exist.

Leading a Standards Development Group

<http://standards.ieee.org/faqs/ltpres.html#q1> - A free training session offered by staff to make the most of the standards process. After attending, you will have a great understanding of

- the need for due process and consensus
- how to submit PARs and Drafts
- the "legal" aspects (copyrights, trademarks, patents)
- how staff can help you

Standards Coordinating Committee 10

<http://standards.ieee.org/faqs/SCC10.html> - An explanation of the importance of coordinating with the IEEE Dictionary (SCC10) as is mandated on the PAR form.

Balloting Information

http://standards.ieee.org/resources/glance_at_balloting.html

Standards Development Solutions

<http://standards.ieee.org/sds/index.html>



Sample Roster.xls



C62-33.pdf

Jodi Haasz

Senior Administrator

IEEE-SA Governance and Electronic Processes

Standards Activities

Phone +1 732 562 6367

FAX +1 208 460 5300

Email: j.haasz@ieee.org

PAR FORM

03/26/02

PAR Status: Revision PAR

PAR Approval Date: 03/21/2002

PAR Signature Page on File: Yes

Review of Standards Development Process: No

1. Assigned Project Number: C62.33

2. Sponsor Date of Request: 08/03/2001

3. Type of Document: Standard for

4. Title of Document:

Draft: Standard Test Specifications for Varistor Surge-Protective Devices

5. Life Cycle: Full Use

6. Type of Project:

6a. Is this an update to an existing PAR? No

6b. The project is a: Revision of Std. C62.33-1982

7. Contact Information of Working Group:

Name of Working Group (WG): 3.6.2

Name of Working Group Chair: Michael J Maytum

Telephone: +44 1234 223150

FAX: +44 1234 223000

Email: m.j.maytum@ieee.org

8. Contact Information of Official Reporter (If different than Working Group Chair)

Name of Official Reporter: (if different than WG Contact)

Telephone:

FAX:

Email:

9. Contact Information of Sponsoring Society or Standards Coordinating Committee

Name of Sponsoring Society and Committee: Power Engineering Society/Surge Protective Devices/Low Voltage

Name of Sponsoring Committee Chair: Dennis W Lenk

Telephone: 330-335-2361x218

FAX: 330-334-5822

Email: dwlenk@ieee.org

Name of Liaison Rep.(If different than Sponsor Chair): William R Goldbach

Telephone: 352-799-0713x134

FAX: 352-796-0316

Email: wgoldbach@ieee.org

10. The type of ballot is: Individual Sponsor Ballot

Expected Date of Submission for Initial Sponsor Ballot: 11/30/2003

11. Fill in Projected Completion Date for Submittal to RevCom: 8/31/2004

Explanation for Revised PAR that completion date is being extended past the original four-year life of the PAR:

12. Scope of Proposed Project:

This revision will apply to varistor components for surge protection: Transient overvoltages
EFT ESD System voltages up to 1000 vac Applications up to 100mHz, tests of both polarities
Statistical life evaluations Characteristics of construction evaluation: Monolithic multilayer
surface mount Leaded

13. Purpose of Proposed Project:

Original This test specification has been developed for the purpose of testing and comparing varistor type surge protective devices. The varistor device is a surge diverter used for limiting transient over voltages in power and communication circuits. Two types of material have been used for many years, silicon carbide, primarily in high voltage arresters, and metal oxide varistors. The interest in low voltage varistors has grown with the trend to highly sophisticated electrical and electronic devices which are exposed to surges from the environment. Initially, there were no standard terms or tests to define or compare these devices. The IEEE Surge Protection Devices Committee formed its Low Voltage Surge Protection Devices Working Group in 1970 to define these parameters. Experts were drawn from many fields in communications and power utilities, electronic manufacturers and users, test equipment manufacturers and laboratories, and producers of varistors themselves. The requirements, experiences and vocabularies of these representatives were melded to produce this document as a guide to potential users of varistor surge protective devices. Proposed Purpose 1. To include new technology that has come into existence that was not available when C62.33 was last written. 2. Review the Terms and Descriptions to determine if they are sufficient for all the mediums of zinc-oxide Varistors. Maybe some should be added, some deleted (e.g. Will the symbol for multi-layer Varistors be the same as leaded Varistors?). 3. Evaluate the current test topologies to determine if they need updating, eliminated, or other test techniques need to be added (e.g. Multi-layer Varistors are geared toward ESD protection applications). 4. Update and include reliability testing of Varistors (e.g. Use or modify the accelerated aging procedure in C62.34 or C62.11).

14. Intellectual Property

Sponsor has reviewed the IEEE patent policy with the working group? Yes

Sponsor is aware of copyrights relevant to this project? No

Sponsor is aware of trademarks relevant to this project? No

Sponsor is aware of possible registration of objects or numbers due to this project?No

15. Are you aware of other standards or projects with a similar scope? Yes

The IEC has a Varistor CDV document (IEC 61647-3). The ballot for this document failed to reach consensus and the document is being revised. The content of the CDV document has been reviewed against the scope of the C62.33 revision. It is felt that the IEC document does not cover the drivers for the C62.33 revision such as multilayer Varistors (MLVs) technology and extended frequency use.

Similar Scope Project Information:

False

16. Is there potential for this standard (in part or in whole) to be submitted to an international organization for review/ adoption?

Do Not Know

If yes, please answer the following question:

Which International Organization/Committee?

International Contact Information:

17. Will this project focus on Health, Safety or Environmental Issues? No

18. Additional Explanatory Notes:(Item Number and Explanation)