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07 June 2007

Michael Wactor
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8550 Mosley Drive
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Re: PC37.20.4 - Standard for Indoor AC Switches (>1 kV - 38 kV) for Use in Metal-Enclosed Switchgear

Dear Michael:

I am pleased to inform you that on 07 June 2007 the IEEE-SA Standards Board approved the above referenced project until 31 December 2011. A copy of the file can be found on our website at <http://standards.ieee.org/board/nes/projects/C37-20-4.pdf>.

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 5.1.2i under Duties of the Sponsor which states:

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

For your convenience, an Excel spreadsheet for your use has been posted on our website at <http://standards.ieee.org/guides/par/roster.xls>. Please forward this list to me via e-mail at s.hampton@ieee.org no later than 05 September 2007.

Please visit our website, IEEE Standards Development Online (<http://standards.ieee.org/resources/development/index.html>), for tools, forms and training to assist you in the standards development process. Also, we strongly recommend that a copy of your draft be sent to this office for review prior to the final vote by the working group to allow for a quick review by editorial staff before sponsor balloting begins.

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
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Standards Activities
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PAR Request Date: 16 April 2007

PAR Approval Date: 07 June 2007

PAR Signature Page on File: No

Type of PAR: Revision to IEEE Standard

Status: Revision to an Existing IEEE Std C37.20.4-2001

Root Project:

1.1 Project No.: **C37.20.4**

1.2 Type of Document: Standard

1.3 Life Cycle: Full-Use

1.4 Is this document in ballot now? No

2.1 Title

Standard for Indoor AC Switches (>1 kV - 38 kV) for Use in Metal-Enclosed Switchgear

3.1 Working Group Name [MEI Switchgear & Switch Working Group](#)

Working Group Chair

[Ball, Charles](#)
Phone: 773-338-1000x2454
Email: cball@sandc.com

Working Group Vice Chair

3.2 Sponsor [IEEE Power Engineering Society Switchgear \(PE/SWG\)](#)

Sponsor Chair

[Burse, Ted](#)
Phone: 713-948-4599
Email: tburse@powl.com

Name of Standards Liaison Representative (if applicable)

[Wactor, Michael](#)
Phone: 713-948-4918
Email: mwactor@powl.com

3.3 Joint Sponsor

4.1 Type of Ballot: Individual

4.2 Expected Date of Submission for Initial Sponsor Ballot: January 2010

4.3 Projected Completion Date for Submittal to RevCom: January 2011

5.1 Approximate number of people expected to work on this project: 15

5.2 Scope: This standard covers indoor AC Switches (>1kV - 38kV) for use in switchgear enclosures for applications in power circuits: 1) Stationary or drawout; 2) Manual or power operation; 3) Fused or unfused. The term "indoor" is intended to indicate that the enclosure provides a degree of protection to the switch and the enclosure may be suitable for indoor, outdoor or other service conditions and complies with the requirements of switchgear assemblies as defined by C37.20.2 (1) or C37.20.3 (2).

Old Scope: This standard covers indoor ac switches rated above 1 kV through 38 kV for use in metal-enclosed switchgear as follows: a) Stationary or drawout b) Manual or power operation c) Fused or unfused The term "indoor" is intended to indicate that the enclosure provides a degree of protection to the switch and the enclosure may be suitable for indoor, outdoor, or other service conditions and complies with the requirements of switchgear assemblies as defined by IEEE C37.20.2-1999 or IEEE C37.20.3-2001 This standard does not apply to subsurface load interrupting switches in IEEE Std C37.71-1984, switches intended for use in padmounted switchgear in ANSI C37.72-1987 and ANSI C37.73-1998, or to high-voltage air switches in ANSI C37.30-1997.

5.3 Is the completion of this document contingent upon the completion of another document? No

5.4 Purpose: The purpose of this standard is to provide the usual service conditions, definition of ratings, preferred ratings, design and production tests, construction requirements and an application guide for the switches covered by this standard. This standard is based on upon criteria stated in IEEE C37.30, ANSI C37.32, IEEE C37.34 and IEEE 1247.

Old Purpose: The purpose of this standard is to define the basic design and performance requirements for indoor medium voltage switches intended for use in Metal-Enclosed Switchgear covered in ANSI/IEEE C37.20.2 and C37.20.3. This standard is based upon design criteria stated in ANSI/IEEE C37.30, definitions and requirements for high voltage air switches, insulators and bus supports, ANSI C37.32 Schedules for preferred ratings, manufacturing specifications, and applications guide for high voltage air switches, bus supports and switch accessories and ANSI/IEEE C37.34 and C37.39 test codes for high voltage air switches. For other switches see references C37.30, C37.32, C37.34 and C37.39

5.5 Need for the Project: There is an external community interest that maintains a need for the standard to be updated periodically. We also need to incorporate the preferred ratings from ANSI C37.22 so that standard can be withdrawn.

5.6 Stakeholders for the Standard: Stakeholders for this standard include both utility and non-utility users, manufacturers of these switches and other interested parties such as consulting engineers.

6.1.a. Has the IEEE-SA policy on intellectual property been presented to those responsible for preparing/submitting this PAR prior to the PAR submittal to the IEEE-SA Standards Board? Yes **Presented Date:** 2007-05-09

If no, please explain:

6.1.b. Is the Sponsor aware of any copyright permissions needed for this project? No

If yes, please explain:

6.1.c. Is the Sponsor aware of possible registration activity related to this project? No

If yes, please explain:

7.1 Are there other standards or projects with a similar scope? No

If yes, please explain:

Sponsor Organization:

Project/Standard Number:

Project/Standard Date: 0000-00-00

Project/Standard Title:

7.2 Is there potential for this standard (in part or in whole) to be adopted by another national, regional, or international organization? ? Do not know at this time

Technical Committee Name and Number:

Contact person:

Contact person Phone Number:

Contact person Email Address:

7.3 Will this project result in any health, safety, security, or environmental guidance that affects or applies to human health or safety? No

7.4 Additional Explanatory Notes:

The standards referenced in 5.2 include IEEE C37.20.2, Standard for Metal-Clad Switchgear and IEEE C37.20.3, Standard for Metal-Enclosed Interrupter Switchgear. The standards referenced in 5.4 include IEEE C37.30 Standard Requirements for High-Voltage Air Switches, ANSI C37.32, High-Voltage Air Switches, Bus Supports, and Switch Accessories - Schedule of preferred Ratings, Manufacturing Specifications, and Application Guide, IEEE C37.34, Standard Test Code for High-Voltage Air Switches and IEEE 1247, Standard for Interrupter Switches for Alternating Current, Rated Above 1000 Volts.

8.1 Sponsor Information:

Is the Scope of this project within the approved scope/definition of the Sponsor's Charter? Yes

If no, please explain: