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11/10/2005 01:05 PM

To michael.d.sigmon@us.abb.com

cc jeffnelson@ieee.org, creigart@ieee.org, stds-pes-scc@ieee.org

bcc

Subject Approval of Project - PC37.30.1

10 November 2005

M. Dean Sigmon  
ABB Inc.  
2300 Mechanicsville Road  
Florence, SC 29501-0524

Re: PC37.30.1 - Standard Requirements For High Voltage Air Switches And Interrupting Switches for Alternating Current, Rated Above 1,000 Volts

Dear Dean:

I am pleased to inform you that on 10 November 2005 the IEEE-SA Standards Board approved the above referenced project until 31 December 2007. A copy of the file can be found on our website at <http://standards.ieee.org/board/nes/projects/C37-30-1.pdf>. Please note that, during the IEEE-SA Standards Board ballot, one member suggested that the title of the document be changed to more accurately reflect the content of the document and the purpose statement in the PAR. This is only a suggestion that the Working Group may want to consider. If the Working Group decides to change the title, a modified PAR will be required.

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 [j.haasz@ieee.org](mailto:j.haasz@ieee.org) no later than 08 February 2006.

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 732-562-6367 or by email at [j.haasz@ieee.org](mailto:j.haasz@ieee.org).

Sincerely,

Jodi Haasz  
Program Manager  
International Stds Programs and Governance  
Standards Activities

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# PAR FORM

**PAR Status:** Modified New PAR

**PAR Approval Date:** 10 November 2005

**PAR Signature Page on File:** Yes

**1. Assigned Project Number:** PC37.30.1

**2. Sponsor Date of Request:** 2005-09-27

**3. Type of Document:** Standard for

**4. Title of Document:**

**Draft:** Standard Requirements For High Voltage Air Switches And Interrupting Switches for Alternating Current, Rated Above 1,000 Volts

**5. Life Cycle:** Full-Use

**6. Type of Project:**

**6a. Is this an update to an existing PAR?** Yes

**If Yes: Indicated PAR number/approval date:** C37.30.1 - 2003-12-10

**If Yes: Is this Project in Ballot now?** No

**6b. The Project is a:** New Standard

**7. Working Group Information:**

**Name of Working Group:** High Voltage Air Switches Working Group

**Approximate Number of Expected Working Group Members:**20

**8. Contact information for Working Group Chair:**

**Name of Working Group Chair:** Carl D Reigart

**Telephone:** 978-465-4251 **FAX:** 978-465-6740

**Email:** creigart@ieee.org

**9. Contact information for Co-Chair/Official Reporter, Project Editor or Document Custodian if different from the Working Group Chair:**

**Name of Co-Chair/Official Reporter, Project Editor or Document Custodian:**

**Telephone: FAX:**

**Email:**

**10. Contact information for Sponsoring Society or Standards Coordinating Committee:**

**Name of Sponsoring Society and Committee:** IEEE Power Engineering Society Switchgear

**Name of Sponsoring Committee Chair:** Jeffrey H Nelson

**Telephone:** 423 751 8275 **FAX:** 423 751 6238

**Email:** jeffnelson@ieee.org

**Name of Liaison Rep. (if different from the Sponsor Chair):** M. Dean Sigmon

**Telephone:** 843-413-4707 **FAX:** 843-413-4850

**Email:** michael.d.sigmon@us.abb.com

**Name of Co-Sponsoring Society and Committee:**

**Name of Co-Sponsoring Committee Chair:**

**Telephone: FAX:**

**Email:**

**Name of Liaison Rep. (if different from the Sponsor Chair):**

**Telephone: FAX:**

**Email:**

**11. The Type of ballot is:** Individual Sponsor Ballot

**Expected Date of Submission for Initial Sponsor Ballot:** September 2006

**12. Projected Completion Date for Submittal to RevCom:** September 2007

**Target Extension Request Information for a Modified PAR whose completion date is being extended past the original four-year life of the PAR:**

a. Statement of why the extension is required: The complexity of the task required to consolidate the six existing documents has been found to be much more difficult than was initially anticipated, and year 2005 changes to the IEEE Style Manual created the need for significant review of the document and some amount of rework of the document.

b. How many working group members are working on the project? 20

c. How many times a year does the working group meet:

1. In person? 2 times per year

2. Via teleconference? Occasionally. Frequent electronic contact.

d. How many times a year is a draft version circulated to the working group via electronic means? Typically 2-4

e. What percentage of the Draft is stable? 98%, year 2005 changes to the IEEE Style Manual created the need for significant review of the document and some amount of rework of the document.

f. How many significant working revisions has the Draft been through? (16) Sixteen

g. Balloting History - N/A

h. Is this the first request for an extension? No

If no, when was the previous extension approved? 10 December 2003

**13. Scope of Proposed Project:**

This standard covers preferred ratings, construction and testing requirements, and application, loading, installation, operation and maintenance guidelines for all high-voltage enclosed and non-enclosed, indoor and outdoor switches rated in excess of 1000 V. This includes such switch types as disconnect, horn-gap, fault-initiation, interrupter, and ground for manual or power operation. The following switch types are not covered by this standard: distribution cutouts fitted with disconnecting blades, and switches used in metal-enclosed and pad-mounted switchgear. This standard also does not apply to load-break separable insulated connectors, circuit-breakers, circuit-switchers, or reclosers.

**Is the completion of this document contingent upon the completion of another document?**

No

**14. Purpose of Proposed Project:**

The purpose of this standard is to provide a basic standard for switches. The broad definition of a switch encompasses devices that meet the strict definition of an interrupter switch in IEEE Std C37.100-1992 and encompasses devices that utilize insulating media other than air.

**15. Reason for the Proposed Project:**

The proposed project is the first phase of a two-part process to facilitate harmonization of the C37.3X series of standards with existing IEC documents covering switch devices. Due to the complexity and divergent formats between the C37.3X series and IEC documents, the working group determined that consolidation of the C37.3X series would facilitate comprehension and management of the project. Moreover, the consolidation of the C37.3X series would benefit users by providing one document rather than 6 separate documents to be used as a reference. Users of the document include, but are not limited to, electric utilities and other purchasers of High Voltage Air Break Switches and Interrupting Switches; Manufacturers, Design and Consulting Engineers involved in the development and application of this equipment. The second phase of the process (not included under this PAR) will involve line-by-line comparisons of the IEEE and IEC documents to achieve harmonization, where possible. The second phase will be more difficult to resolve due to the negotiations required to coordinate or merge the contents and formats of the IEEE and IEC documents.

**16. Intellectual Property:**

**a. Has the IEEE-SA policy on intellectual property been presented to those responsible for preparing/submitting this PAR?** Yes 2005-10-03

**b. Is the sponsor aware of copyright permissions needed for this project?** No

**c. Is the sponsor aware of trademarks that apply to this project?** No

**d. Is the sponsor aware of possible registration activity related to this project?** No

**17. Are there other documents or projects with a similar scope?** No

**Similar Scope Project Information:**

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

**If yes, the following questions must be answered:**

**Organization Name?**

**Technical**

**Committee**

**International**

**Contact**

**Information?**

**19. Will this project result in any health, safety, or environmental guidance that affects or applies to human health or safety? No**

**If yes, please explain:**

**20. Sponsor Information**

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

**If no, please explain:**

**b. The Sponsor's procedures have been accepted by the IEEE-SA Standards Board Audit Committee? Yes**

**21. Additional Explanatory Notes: (Item Number and Explanation)**

Item #14 - The reference is to IEEE Std C37.100-1992, Standard Definitions for Power Switchgear