

भारतीय मानक ब्यूरो
(केंद्रीय मुहर विभाग III)

हमारा सन्दर्भ : कें. मु. वि. - III / 16 : आई एस 13340 (भाग 1)

03 दिसंबर 2024

विषय : संशोधित आई एस 13340 (भाग 1) : 2024/ आई ई सी 60831-1 : 2014 के अनुपालन हेतु दिशानिर्देश
यह उपरोक्त विषय के सन्दर्भ में है |

सक्षम अधिकारी द्वारा अनुमोदित दिशानिर्देश अनुपालन हेतु संलग्न है |

सभी क्षेत्रीय / शाखा कार्यालयों से अनुरोध है के दिशानिर्देशों का तत्काल प्रभाव से अनुपालन सुनिश्चित करें|

(पीयूष प्रकाश)

वैज्ञानिक - डी (सी एम डी-III)

प्रमुख (सी एम डी-III)

सभी क्षेत्रीय / शाखा कार्यालय

प्रतिलिपि : आई टी एस विभाग - बी आई एस इंटरनेट पर डालने हेतु

BUREAU OF INDIAN STANDARDS
(CENTRAL MARKS DEPARTMENT III)

Our Ref: CMD III/16: IS 13340 (Part 1)

03 Dec 2024

Subject: Guidelines for implementation of revised IS 13340 (Part 1) : 2024/IEC 60831-1 : 2014

This has reference to the subject mentioned above.

The Competent Authority has approved the enclosed Guidelines for implementation.

All ROs/BOs are requested to ensure the implementation of the above Guidelines with-immediate effect.

Peeyush Prakash
Sc.-D(CMD-III)

Head (CMD-III)

All ROs/ BOs

Copy to ITSD: for uploading on BIS intranet.

BUREAU OF INDIAN STANDARDS
(CENTRAL MARKS DEPARTMENT III)

Our Ref: CMD-III/16 : IS 13340 (Part 1)

03 Dec 2024

Subject: Guidelines for implementation of revised IS 13340 (Part 1) : 2024/IEC 60831-1 : 2014

1. The product 'Power Capacitors of Self-healing Type for AC Power Systems having Rated Voltage up to 1000 V' as per IS 13340 (Part 1) : 2012/IEC 60831-1 : 2002 is covered under mandatory certification under the Electrical Capacitors (Quality Control) Order, 2017.
2. ETD has revised the existing IS 13340 (Part 1) :2012/IEC 60831-1 : 2002 and published it as IS 13340 (Part 1) : 2024/IEC 60831-1 : 2014 'Shunt Power Capacitors of the Self-Healing Type for a.c. Systems Having a Rated Voltage up to and Including 1 000 V Part 1 General - Performance, Testing and Rating - Safety Requirements - Guide for Installation and Operation (Second Revision)'. The last date of concurrent running of both the Indian Standards is 25th March 2025 after which the existing IS 13340 (Part 1) : 2012/IEC 60831-1 : 2002 shall stand withdrawn.
3. All the BOs shall inform the applicants and licencees of IS 13340 (Part 1) : 2012/IEC 60831-1 : 2002 in their jurisdiction about implementation of the revised IS 13340 (Part 1) : 2024/IEC 60831-1 : 2014 within a week of issuance of these guidelines.
4. The significant changes brought through this revision as listed in the Table below is given for the purpose of general guidance. BOs shall ensure that the product conforms to all the requirements, as applicable, as per the revised Indian Standard:

Sl.No.	Changes in Indian Standard	Action to be taken for changeover
a)	'Normative references (Cl. 2)' has been updated	Informative only, no action is required.
b)	Clarity provided in 'Test conditions (Cl. 5.2)'	No action is required.
c)	Clarity provided in 'Thermal stability test (Cl. 13)' has been modified	No action is required.
d)	Modification in 'Ageing test (Cl. 17)'	Test requirements in IS 13340 (Part 2) have been modified. Conformity to the requirement to be ensured.
e)	Modification in 'Self-healing test (Cl. 18)'	Test requirements in IS 13340 (Part 2) have been modified. Conformity to the requirement to be ensured.
f)	Modification in 'Destruction test (Cl. 19)'	Test requirements in IS 13340 (Part 2) have been modified. Additional testing is required.
g)	Modification in 'Maximum permissible current (Cl. 21)' has been modified	Acceptance limit has been relaxed. Conformity to the requirement to be ensured.

h)	Modification in 'Protection of the environment (Cl. 24)'	Change in material. Certificate of conformity to be provided by supplier.
i)	Modification in 'Rating plate (Cl. 26.1)'	Additional marking requirements as specified by purchasers is introduced. Marking to be modified, wherever applicable.

5. Consequent upon the publication of revised Standard, the existing Product Manual of the Standard has also been revised as PM/IS 13340 (Part 1)/IEC 60831-1/2/December 2024. In this revision, the following changes have been made:
 - a. Typographical changes have been made in the Scope of licence;
 - b. Typographical changes have been made in grouping guidelines;
 - c. SIT has been updated as per latest format;
 - d. Frequency of Type Tests has been modified to 'Once in three years from each type and design of capacitor unit/ capacitor bank'.

6. The guidelines for implementation of the revised IS 13340 (Part 1) : 2024/IEC 60831-1 : 2014 are given below.

A. For existing licencees:

7. All Licensees shall implement the revised IS 13340 (Part 1) : 2024/IEC 60831-1 : 2014 by 25th March 2025. Any difficulty in implementation shall be brought to the notice of CMD III within 30 days of issuance of these guidelines. BOs shall ensure that no Licences are under operation without implementation of the revised IS 13340 (Part 1) : 2024/IEC 60831-1 : 2014 after 25th March 2025. The status of implementation of the revision of the Standard shall be confirmed by Head (BO) to CMD-III within two weeks of the last date of concurrent running.

8. In order to establish that the product meets the revised Standard, the licensee must submit a test report (either in-house or independent) based on the modified requirements specified in IS 13340 (Part 1) : 2024/IEC 60831-1 : 2014, with testing conducted according to the grouping guidelines in PM/IS 13340 (Part 1)/IEC 60831-1/2/ December 2024. Further for establishing conformity to Cl. 24 'Protection of the environment', licensee has to provide supplier's certificate of conformity to the specified requirements.

9. Verification of implementation of the revised Standard, shall be done during the next visit which shall be completed within one month from the date of submission of compliance by licensee.

10. If the Licensee fails to complete all actions by 25th March 2025, it shall be dealt with as per the prevailing guidelines.

B. For New Applicants:

11. Existing Applications where Sample has been submitted in the Laboratory/Test Report has been issued by the Laboratory may be processed as per old Standard. However, if the Applicant is desirous of considering the Application as per the revised

Standard, a declaration may be obtained from the Applicant to that effect and the Application may be processed accordingly. An undertaking shall also be obtained from such Applicants that if the sample fails as per revised Standard, Licence will not be granted as per old Standard

12. Applications which are recorded henceforth may be processed as per old or revised Standard. Processing of Application as per old Standard shall be permitted only upto 25th March 2025 and for such cases, Applicant shall give a declaration that they will implement the revised Standard by 25th March 2025.
13. Beyond 25th March 2025, no Licence shall be granted as per old Standard.

C. For Change in Scope of Licence

14. For change in scope of licence, the relevant provisions as given above for Applicants shall apply.
15. However, processing of such applications for change in scope of licence as per old Standard shall be permitted only upto the date of implementation of the revised Standard by the licensee or up to 25th March 2025, whichever is earlier.
16. The above guidelines shall come into force with immediate effect.

Peeyush Prakash
Sc.-D

Head (CMD III)

DDG (Certification)