

**BUREAU OF INDIAN STANDARDS**

**Registration Department**

**Our Ref: IS 16242 (Part 1)**

**21 August 2025**

**Subject: Guidelines for implementation of IS 16242 (Part 1):2025 /IEC 62040-1:2017**

1. IS 16242 (Part 1): 2014/IEC 62040-1: 2008 has been revised and published as IS 16242 (Part 1):2025 /IEC 62040-1:2017. The last date of concurrent running of both the Indian Standards is 19 November 2025 after which the existing IS 16242 (Part 1): 2014/IEC 62040-1: 2008 shall stand withdrawn.
2. The significant changes brought through this revision of the standard are listed in the Annexure attached with the guidelines, and are provided for general guidance.
3. The guidelines for implementation of the revised IS 16242 (Part 1) : 2025/IEC 62040-1: 2017 is given below:

**A. For existing licencees:**

- (i) All existing licensees shall implement the revised IS 16242 (Part 1): 2025/IEC 62040-1: 2017 by the last date of implementation, that is, 19 November 2025. Beyond the last date of implementation of IS 16242 (Part 1): 2025/IEC 62040-1: 2017, no licence shall be operative where compliance to IS 16242 (Part 1): 2025/IEC 62040-1: 2017 has not been ensured by the licensee.
- (ii) Existing licensees shall ensure conformance to IS 16242 (Part 1): 2025/IEC 62040-1: 2017 through submission of complete test Report(s) issued by BIS recognized laboratory for all lead model(s) covered in their scope of licence which had been previously tested as per IS 16242 (Part 1): 2014/IEC 62040-1: 2008.
- (iii) Further, the licensees shall provide an undertaking stating that requirements of IS 16242 (Part 1): 2025/IEC 62040-1: 2017 have been implemented in other existing series model(s) which are in the scope of the licence.
- (iv) If the licensee fails to complete all actions by the last date of implementation of IS 16242 (Part 1): 2025/IEC 62040-1: 2017, cancellation of the licence/ deletion of model from scope of the licence to be initiated.

**B. For New Applicants:**

- (i) Existing applications where sample has been submitted in the Laboratory/Test Report has been issued by the Laboratory may be processed as per the old standard.
- (ii) Applications which are recorded henceforth may be processed as per old or revised standard. Processing of Applications as per old standard shall be permitted only up to the last date of implementation of IS 16242 (Part 1): 2025/IEC 62040-1: 2017. For such cases, the applicant shall give a declaration that they will implement the revised standard by the last date of implementation of IS 16242 (Part 1): 2025/IEC 62040-1: 2017.
- (iii) Beyond the last date of implementation of IS 16242 (Part 1): 2025/IEC 62040-1: 2017, no licence shall be granted as per old Standard.

**C. For Change in Scope of Licence**

- (i) For change in scope of licence, the relevant provisions as given above for Applicants shall apply.
- (ii) However, processing of requests for change in scope of licence as per old Standard shall be permitted only upto the date of switchover to the revised Standard by the licensee or up to the date of implementation of the revised Standard, whichever is earlier.

4. The above guidelines shall come into force with immediate effect.

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## **Annexure**

### **Changes in IS 16242 (Part 1):2025/IEC 62040-1: 2017**

1. IS 16242 (Part 1):2025/IEC 62040-1: 2017 uses IEC 62477-1:2012 as a reference document (RD).
2. Definition of movable UPS has been added.
3. Modified the clause on flammability of enclosure materials.
4. Additional working voltages added in creepage distance test.
5. Additional requirements in steady force test.
6. Additional requirements in handles and manual control securement test.
7. Additional requirements in touch current measurement test.
8. Modified requirements in capacitor discharge test for pluggable type B UPS and additional requirement for permanently connected UPS.
9. Additional requirements in temperature rise test.
10. Modified requirements in input current test.
11. Additional clauses: short time withstand current, unsynchronized load transfer test, loss of coolant test, dry heat test, damp heat test, hydrostatic pressure test.