

No: W-47/14/2024-IPHW  
Government of India  
Ministry of Electronics and Information technology  
IPHW Division

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Electronics Niketan  
6CGO Complex,  
Lodhi Road, New Delhi  
Dated 03.02.2026

**ORDER**

**Subject: Measurement of rated capacity of lithium cells and batteries under IS 16046 (Part 2) – reg.**

IS 16046: Part 2: 2018 for Li ion systems has been mandated under the Electronics and Information Technology Goods (Requirement of Compulsory Registration) Order, 2021. The standard IS 16046: Part 2: 2018 requires declaration of rated capacity on lithium cells and batteries, however, various complaints and instances of misdeclaration of rated capacity have been observed.

2. In order to protect the interest of consumers, it is required to measure and verify the rated capacity for sealed secondary Lithium cells and batteries. Accordingly, the rated capacity for sealed secondary Lithium cells and batteries shall be measured in accordance with the test method for rated capacity specified in Clause 7.3.1 of IS 16047: Part 3, and shall be reported for compliance under IS 16046 (Part 2).

3. BIS shall publish the revised Test Report Format and issue implementation guidelines to operationalize this requirement.

4. These requirements shall come into force with effect from 1<sup>st</sup> May 2027 for new registrations, inclusion and renewal of registration for cells and batteries. The existing registrations shall remain valid till their validity period,

subject to the condition that for the samples picked up during surveillance, the rated capacity for sealed secondary Lithium cells and batteries is within the specified limits.

5. This issues with the approval of the competent authority.



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To,

1. The Director General  
Bureau of Indian Standards (BIS)  
Manak Bhawan  
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2. Industry Associations in Electronic Sector
3. Website of MeitY