

केन्द्रीय मुहर विभाग -2

संदर्भ- : के मू वी-2/16: 17753

17 03 2026

विषय: **IS 17753 : 2021 के amendment no. 3 & 4** के अनुपालन के दिशा निर्देश

यह उपरोक्त विषय के संदर्भ में है।

सक्षम अधिकारी द्वारा अनुमोदित दिशा निर्देश अनुपालन हेतु संलग्न है।

अनुरोध है कि दिशा निर्देशों का तत्काल प्रभाव से अनुपालन सुनिश्चित करें।

(अमित चौधरी)
वैज्ञानिक - ई

प्रमुख (के मू वी 2)

सभी क्षेत्रीय/शाखा कार्यालय/प्रयोगशालाएँ/ **CHD/LRMD**

CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16:17753

17 03 2026

Subject: Guidelines for implementation of amendment no. 3 & 4 to IS 17753: 2021.

This has reference to the subject mentioned above.

The Competent Authority has approved the enclosed Guidelines for implementation.

It is requested to ensure the implementation of the above Guidelines with immediate effect.

(Amit Choudhary)
Scientist E

Head (CMD-2)

All ROs/BOs/Labs/CHD/LRMD

CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16: 17753

17 03 2026

Subject: Guidelines for implementation of Amendment no. 3 and 4 to IS 17753: 2021, Paper based Multilayer Laminated/Extruded Composite Cartons (Aseptic and Non-Aseptic) for Processed Liquid Food Products and Beverages — Specification.

1. Amendment no. 3 and 4 to IS 17753: 2021 have been published.
2. IS 17753: 2021 **with and without** amendment no. 3 and amendment no 4 are under concurrent running till 11 July 2026 and 17 Aug 2026, respectively.
3. The product is under voluntary certification. There is no licence for the product and 01 application under AHBO is pending for GOL in India.
4. The significant changes in the standard through amendment no3 and 4 are listed in the Table in the table separately for the purpose of general guidance.

Major Changes due to amendment no 3 to IS 17753: 2021

| Sl no | Amendment no | Clause No | Change |
|-------|--------------|--------------------------------|---|
| 1. | 3 | Page 2, Clause 4.1.1 | a) Through the amendment, for the test of OBAs (optical brightening agents) and anthraquinone in paper board, test methods have been provided respectively, as per EN 648 and CEN/TS 17630: 2021 'Pulp, paper and paperboard – Determination of anthraquinone, in extracts from pulp, paper and paperboard. b) Paper board shall be made from virgin material. It has now been stated in the amendment that manufacturer shall make a declaration regarding manufacturing of paper board from virgin material. |
| 2. | 3 | Page 3, Table 2, Sl No. (viii) | Test method referred IS for the test of Antimony has been corrected and now referred to IS 3025 (Part 2). |
| 3. | 4 | | Test method Standard for Oxygen Transmission Rate has been changed from ISO 15105-2 to IS 13360 (Part 8/Sec 6/Subsec 2) [<i>identical to ISO 15105-2 : 2003</i>] |
| 4. | 4 | Page 3, clause 5.2.5 | Through the amendment, Paperbased Multilayer Laminated/Extruded Composite Cartons (Aseptic and Non-Aseptic) for Processed Liquid Food Products and Beverages has been categorized into a) paper based multilayer laminated/extruded composite sheet with aluminium foil based barrier, b) Other than a) above In the amendment at Cl 5.2.5.2, specific requirements for water vapour transmission rate (WVTR) and Oxygen transmission rate (OTR) have been introduced for paper based multilayer laminated/extruded composite sheet with aluminium foil based barrier , whereas for Other (b) the requirement has been retained as before, i.e., within ± 5 percent of the declared value (Cl 5.2.5.3) |

5. For implementation of amendment no 3 to the IS, manufacturer is required to submit Test report/Test certificate of paper board for the requirement of OBAs (optical brightening agents)

and anthraquinone, tested in accordance with the referred ISs. Also manufacturer shall submit an undertaking regarding manufacturing of paper board from virgin material.

6. For implementation of amendment no 4, the compliance of paper based multilayer laminated/extruded composite sheet with **aluminium foil based barrier** shall be tested for all requirements (including OTR and WVTR complying to the limits introduced in the amendment) to be included in the scope of licence.
7. There is only one application and no Licence for the product. This application and all future applications for GOL shall be processed considering all the amendments i.e., Amendment no1, 2, 3, & 4.
8. The existing Product manual has been revised due to amendments to the IS and it is being circulated separately, through BIS website, as Product Manual Doc: PM/17753/2 March 2026
9. AHBO is requested to circulate the guideline to applicant for compliance.
10. The above guidelines come into force with immediate effect.

(Amit Choudhary)
Scientist E

Head (CMD-2)
DDG(Certification)
Circulated to:
All RO/BOs
All other concerned - through BIS intranet