



केन्द्रीय मुहर विभाग - III

हमारा संदर्भ- केन्द्रीय मुहर विभाग-३/१६: भा.मा.17790

२० दिसम्बर २०२४

विषय: अनुपालन हेतु गाइडलाइन

सभी शाखा कार्यालयों से आग्रह है कि संलग्न गाइडलाइन का अनुपालन तत्काल प्रभाव से सुनिश्चित करें।

(राकेश कुमार)

वैज्ञानिक 'डी'/संयुक्त निदेशक (के मु वि III)

प्रमुख (के मु वि III)

सभी क्षेत्रीय/शाखा कार्यालय

CENTRAL MARKS DEPARTMENT-III

Our Ref: CMD-3/16: IS 17790

20 December 2024

Subject: Guidelines for implementation of Amendment No. 2 to Indian Standard IS 17790: 2022- "Insulated Flask for Domestic Use"

This has reference to the subject mentioned above.

BOs may kindly ensure implementation of the attached guidelines with immediate effect.

(Rakesh Kumar)

Scientist D/Joint Director (CMD III)

Head (CMD - III)

Circulated to: All ROs/BOs

CENTRAL MARKS DEPARTMENT-III

Our Ref: CMD-3/16: IS 17790

20 December 2024

Subject: Guidelines for implementation of Amendment No. 2 to Indian Standard IS 17790: 2022- “Insulated Flask for Domestic Use”

1. Amendment No. 2 to IS 17790: 2022 has been published. **The last date for implementation of the Amendment is 17 May 2025.**
2. All BOs shall inform the Applicants and Licensees under their jurisdiction about implementation of the Amendment **within a week of issuance of these guidelines.**
3. The significant changes brought through this Amendment as listed in the Table is given for the purpose of general guidance. BOs shall ensure that the product conforms to all the requirements, as applicable, as per the Amendment.

Sl. No.	Page and clause No.	Changes
1.	Page 2, Cl. 5.3- Requirement of welding	Requirement of welding electrode has been modified. Now, electrode of only 308L grade as per IS 5856 is permitted.
2.	Page 1, Cl.4, Page 2, Cl. 7.3, Table 1B - type of flask based on heat and cold retention capability and their heat and cold retention requirements	Now, there are 2 types of flasks based on heat and cold retention capability defined in the Standard:- <ul style="list-style-type: none">i) Thermal insulated flask Type 1 (having both heat and cold retention capability as per Table 1A and Table 2 respectively)ii) Thermal insulated flask Type 2 (having only heat retention capability as per Table 1B) <p>The flasks which were earlier covered in the Standard without this Amendment, are identified as “Thermal insulated flask Type 1” flasks as per the Amendment. For those flasks, heat and cold retention requirements have not been changed. "Thermal insulated flask Type 2" has been added as new type of flask which has only heat retention capability and whose retention capability has been given in Table 1B added through this Amendment.</p>
3.	Page 2, Cl. 7.1.1- Requirements of material for inner container of flasks Page 10, Annex C (test for leaching), Annex D (Sensorial test) and Annex E (requirement of welding and finish),	Now, additional material viz. Grade N1, N2 as per IS 15997 or IS 6911 or grade 304 series as per IS 6911 or 316/316L as per IS 6911 have been permitted. Further, if grades N1, N2 are used and welding is done in the food contact area of inner container, then material shall comply with the requirements given in Annex C (test for leaching), Annex D (Sensorial test) and Annex E (requirement of welding and finish), which have been added through this Amendment.
4.	Page 2, Cl. 7.1.2.2, line 5- minimum thickness of	Minimum required thickness of plastic used as outer container, has been reduced. Also, thickness

	plastic casing	of PET material if used as casing, has been specified now.
5.	Page 6, Cl. 7.9; Page 7, Fig. 6- Leakage test	Separate procedure has now been specified for flasks with spout/sipper/straw type. Fig. 6 has been added for flasks with spout/sipper/straw type.
6.	Page 6, Cl. 7.12, Annex-F- Checking of material of thermal insulation	Procedure for checking of material of thermal insulation (density of material) has been added
7.	Page 6, Cl. 9.1- Marking on insulated containers	Following additional marking requirements have been added: Temperature drop/rise for a given time period ; Type of flask based on heat and cold retention (Type 1 , Type 2)

4. Consequent upon publication of the Amendment, existing Product Manual has also been revised as Doc: PM/ IS 17790/3/ December 2024. In this revision, changes have been made in Raw material requirements, Grouping guidelines, List of test equipment, Scheme of Inspection and Testing and Scope of licence.

5. The guidelines for implementation of the Amendment is given below:

A. LICENSEES:

(i) All Licensees shall implement the Amendment by 17 May 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 Standard without Amendment after 17 May 2025. The status of implementation of the Amendment shall be confirmed by Head (BO) to CMD-III within two weeks of the last date of concurrent running.

(ii) Licensees shall be required to take following actions to implement the Amendment:

a) Submit the test certificate of raw material (*as applicable for Welding electrode, stainless steel material for inner and outer container*)

b) Submit test report of the product, in-house or independent, as applicable, as evidence of conformity.

(iii) Since, the flasks which were earlier covered in the Standard without this Amendment, are identified as “Thermal insulated flask Type 1” flasks as per the Amendment, Scope of every licence shall be modified (to indicate type of flask as “Thermal insulated flask Type 1”) by the BO as per revised Product Manual.

“Thermal insulated flask of Type 2”, will have to be added by the process of inclusion in licence.

(iv) Verification of implementation of the Amendment, shall be done during the next visit **which shall be completed within one month from the date of submission of compliance by licensee.**

(v) If the Licensee fails to complete all actions by 17 May 2025 it shall be dealt with as per the prevailing guidelines.

B. APPLICATIONS FOR GRANT OF LICENCE:

- (i) Existing Applications where Sample has been submitted in the Laboratory/Test Report has been issued by the Laboratory may be processed without considering this Amendment. However, if the Applicant is desirous of considering the application considering this Amendment, 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 while considering the provisions of the Amendment, Licence will not be granted without Amendment.
- (ii) Applications which are recorded henceforth may be processed with or without considering the Amendment. Processing of Applications without Amendment shall be permitted only up to 17 May 2025 and for such cases Applicant shall give a declaration that they will implement the Amendment by 17 May 2025.
- (iii) Beyond 17 May 2025 no Licence shall be granted without consideration of the Amendment.

C. 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 such applications for change in scope of licence without considering the Amendment shall be permitted only upto the date of implementation of the Amendment by the licensee or up to 17 May 2025 whichever is earlier.

6. The above guidelines come into force with immediate effect.

(Rakesh Kumar)
Scientist D/Joint Director

Head (CMD III)
DDG (Certification)