

**केन्द्रीय मुहर विभाग-2**

संदर्भ -: केमूवी-2/16:14543

12 07 2024

**विषय: संशोधित IS 14543:2024 के अनुपालन के दिशा निर्देश**

यह उपरोक्त विषय के संदर्भ में है।

सक्षम अधिकारी द्वारा अनुमोदित दिशानिर्देश अनुपालन हेतु संलग्न है।

सभी क्षेत्रीय/शाखा कार्यालयों से अनुरोध है की दिशानिर्देशों का तत्काल प्रभाव से अनुपालन सुनिश्चित करें।

(इंद्रजीत सिंह)  
वैज्ञानिक डी

**प्रमुख (केमूवी 2)**

**सभी क्षेत्रीय/शाखाकार्यालय/प्रयोगशालाएँ/FAD/LRMD**

**CENTRAL MARKS DEPARTMENT-2**

Our Ref: CMD-2/16:14543

12 07 2024

**Subject: Guidelines for implementation of Revised IS 14543:2024**

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.

(Inderjeet Singh)  
Scientist D

**Head (CMD-2)**

**All ROs/BOs/Labs/FAD/LRMD**

## CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16: 14543

12 07 2024

### **Subject: Guidelines for implementation of Revised IS 14543:2024 (Packaged Drinking Water (other than Packaged Natural Mineral Water) — Specification)**

1. IS 14543:2016 has been revised as IS 14543:2024 and has been published. The last date for implementation of the revised Standard is **15 Sept 2024** after which the old Standard shall stand withdrawn.
2. All BOs shall inform the Applicants and Licensees under their jurisdiction about implementation of the revised Standard within a week of issuance of these guidelines.
3. The significant changes in the revised Standard as listed in the Table are given for the purpose of general guidance. BOs shall ensure that the product conforms to all the requirements, as applicable, as per the revised Standard.

Clause	Change
Annex A	Referred test method standards have been updated
5.2.2	Referee method of test for Coliform has been changed from IS 5401 (Part 1) to IS 15185
5.2.3	Referee method of test for Faecal Streptococci (Enterococci) has been changed from IS 5887 (Part 2) to IS 15186
5.2.5	ISO 16266-2 has been added as an alternate method of test for Pseudomonas Aeruginosa
5.2.6	Method of test for Aerobic Microbial Count has been changed from IS 5402: 2012 to IS 5402 (Part-1):2021/ ISO 4833-1:2013 (which is based on pour plate technique)
5.2.7	Method of test for yeast and mould has been changed from IS 5403 : 1999 to IS 16069 (Pt-1) : 2013/ ISO 21527-1 : 2008
5.2.9	Method of test for Vibrio cholera and V. parahaemolyticus has been changed from IS 5887 (Part 5) to IS 5887 (Part 5/Sec 1)
5.3, Table 2 General Parameters Concerning Substances Undesirable in Excessive Amounts	i) IS 3025 (Part 65)* has been added as an alternate test method for Barium (as Ba) (* Referee method) and reference to Annex of IS 13428 has been changed
	ii) IS 3025 (Part 65)* has been added as an alternate test method for Copper (as Cu) (* Referee method)
	iii) IS 3025 (Part 65)* has been added as an alternate test method for Iron (as Fe) (* Referee method)
	iv) IS 3025 (Part 65)* has been added as an alternate test method for Manganese (as Mn) (* Referee method)
	v) IS 3025 (Part 75)* has been added as an alternate test method for Nitrate (as NO <sub>3</sub> ) (* Referee method)
	vi) IS 3025 (Part 75)* has been added as an alternate test method for Nitrite (as NO <sub>2</sub> ) (* Referee method)
	vii) Methods of test for Fluoride (as F) have been changed from IS 3025 (Part 60) to IS 3025 (Part 60/Sec 1 or Part 60/Sec 2 or Part 60/ Sec 3) or IS 3025 (Part 75)* (* Referee method)
	viii) IS 3025 (Part 65)* has been added as an alternate test method for Zinc (as Zn) (* Referee method)
	ix) IS 3025 (Part 2) or IS 3025 (Part 65)* or IS 3025 (Part 79) have been added as alternate methods of test for Silver (as Ag) (*

	<p>Referee method) and reference to Annex of IS 13428 has been changed</p> <p>x) IS 3025 (Part 2) or IS 3025 (Part 65)* have been added as alternate methods of test for Aluminium (as Al) (* Referee method)</p> <p>xi) IS 3025 (Part 75)* has been added as alternate methods of test for Chloride (as Cl) (* Referee method)</p> <p>xii) Methods of test for Selenium (as Se) have been changed from IS 3025 (Part 56) or IS 15302 to IS 3025 (Part 2) or IS 3025 (Part 56) or IS 15303 or IS 3025 (Part 65)* (* Referee method)</p> <p>xiii) Methods of test for Sulphate (as SO<sub>4</sub>) has been changed from IS 3025 (Part 24) to IS 3025 (Part 24/Sec 1 or Part 24/Sec 2) or IS 3025 (Part 75)* (* Referee method)</p> <p>xv) IS 3025 (Part 65)* has been added as an alternate test method for Calcium (as Ca) (* Referee method)</p> <p>xvi) IS 3025 (Part 65)* has been added as an alternate test method for Magnesium (as Mg) (* Referee method)</p> <p>xvii) IS 3025 (Part 65)* has been added as an alternate test method for Sodium (as Na) (* Referee method)</p> <p>xix) Method of test for Phenolic compounds has been changed from Clause 6 of IS 3025 (Part 43) to IS 3025 (Part 43/Sec 1)</p> <p>xx) Method of test for Mineral oil has been changed from Clause 6 of IS 3025 (Part 39) to IS 3025 (Part 39)</p> <p>xxi) Method of test for Anionic surface active agents (as MBAS) has been changed from Annex K of IS 13428 to IS 3025 (Part 68)* or IS 3025 (Part 78) (* Referee method)</p> <p>xxiii) IS 3025 (Part 2) or IS 3025 (Part 65)* have been added as an alternate test methods for Antimony (as Sb) (* Referee method) and reference to Annex of IS 13428 has been changed</p> <p>xxiv) ) IS 3025 (Part 65)* has been added as an alternate test method for Borates (as B) (* Referee method) and reference to Annex of IS 13428 has been changed</p> <p>xxv) The test method for Bromates (as BrO<sub>3</sub>) has been changed from ISO 15061 : 2001 to IS 3025 (Part 67)</p>
5.3, Table 3, Parameters Concerning Toxic Substance	<p>i) IS 3025 (Part 65)* has been added as an alternate test method for Mercury (as Hg) (* Referee method)</p> <p>ii) IS 3025 (Part 2) or IS 3025 (Part 65)* have been added as an alternate test methods for Cadmium (as Cd) (* Referee method)</p> <p>iii) IS 3025 (Part 2) or IS 3025 (Part 65)* have been added as an alternate test methods for Arsenic (as As) (* Referee method)</p> <p>iv) Method of test for Cyanide (as CN) has been changed from Clause 2 of IS 3025 (Part 27) to IS 3025(Part 27/Sec 1)* or IS 3025 (Part 27/Sec 2) or IS 3025 (Part 27/Sec 3) (* Referee method)</p> <p>v) IS 3025 (Part 2) or IS 3025 (Part 65)* (* Referee method) have been added as an alternate test methods for Lead (as Pb)</p> <p>vi) IS 3025 (Part 65)* has been added as an alternate test method for Chromium (as Cr) (* Referee method) and reference to Annex of IS 13428 has been changed</p> <p>vii) IS 3025 (Part 2) or IS 3025 (Part 65)* have been added as an alternate test methods for Nickel (as Ni) (* Referee method)</p>
6	<p>Following the formulation of Indian Standard IS 18285:2023 on Aluminium Cans for Packaged Natural Mineral Water and Packaged Drinking Water, this standard has been referred in place of the Doc: PGD 38 (20182) in the packing requirements</p>

4. Consequent upon the issuance of the revised Standard, the existing product manual has been revised which is being circulated separately through BIS website.
5. The guidelines for implementation of the revised Standard is given below:

**A. LICENSEES:**

- i. Since the changes to the standard due to the revision are only in respect of test methods and packing requirements, no evidence of conformity to the revised standard needs to be sought from licensees.
- ii. BOs shall ensure that no Licences are under operation as per the old Standard after **15 Sept 2024**.
- iii. Implementation of the revised standard shall be verified during the next surveillance visit.

**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 as per the 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 from such Applicants also be obtained that if the sample fails while considering the provisions of the revised Standard, Licence will not be granted by BIS as per the old version.
- ii. Applications which are recorded henceforth may be processed as per the old Standard or the revised Standard. Processing of Applications as per the old Standard shall be permitted only up to **14 Sept 2024**.
- iii. Beyond **15 Sept 2024** no Licence shall be granted as per the old Standard.

**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 as per the old Standard shall be permitted only upto the date of implementation of the revised Standard or up to **15 Sept 2024** whichever is earlier.

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

**Inderjeet Singh  
Sc. D**

**Head (CMD-2)  
DDG (Certification)**