



केन्द्रीय मुहर विभाग – III

हमारा संदर्भ- केन्द्रीय मुहर विभाग-३/१६: भा.मा. 623

२६ नवम्बर २०२५

विषय: अनुपालन हेतु गाइडलाइन

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

(राकेश कुमार)
वैज्ञानिक 'ई'/निदेशक (के मु वि III)

प्रमुख (के मु वि III)

सभी क्षेत्रीय/शाखा कार्यालय

CENTRAL MARKS DEPARTMENT-III

Our Ref: CMD-3/16: IS 623

26 November 2025

Subject: Guidelines for implementation of revised Indian Standard IS 623: 2025- "Bicycle Frames"

This has reference to the subject mentioned above.

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

(Rakesh Kumar)
Scientist 'E'/Director (CMD III)

Head (CMD - III)

Circulated to: All ROs/BOs

CENTRAL MARKS DEPARTMENT-III

Our Ref: CMD-3/16: IS 623

26 November 2025

Subject: Guidelines for implementation of revised Indian Standard IS 623: 2025- "Bicycle Frames"

1. IS 623: 2008 has been revised and published as IS 623: 2025. **The last date for implementation of the revised Standard is 24 January 2026.**
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 brought through this revision 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 revised Standard.

Sl. No.	Page and clause reference	Change
1.	Page 1, Cl. 1- Scope of Standard	Scope has been enlarged to cover frames suitable for being fitted in all types of bicycles such as 'young children's bicycles', 'young adult bicycles', 'city and trekking', 'roadster', 'sports light roadster (SLR) bicycles', 'mountain bicycles', 'racing bicycles', 'BMX bicycles', and 'electrically power-assisted bicycles (EPAC)'
2.	Page 1, Cl. 4- Material	Besides frames of steel, frames of all suitable materials including that of aluminium alloy, carbon fibre reinforced polymer, titanium alloy, and magnesium alloy, have been included now.
3.	Page 1, Cl. 5.1- Frame shapes	Restriction on Frame shapes have been removed (earlier Standard covered frames of only 3 shapes). The frame can be of any shape. Nevertheless, few illustrative shapes have been given for guidance. Besides the standard frames, the revised standard now includes requirements for suspension frames also.
4.	Page 1, Cl. 5.2- Frame dimensions	Frame dimensions are now required to conform to Table 1 and Table 2, which have been added in the Standard now.

5.	Page 5, Cl. 8.2.1- Impact test (Falling mass)	Test method and requirements for various types of bicycles as per the respective Indian standards have been specified separately now, like-
6.	Page 5, Cl. 8.2.2- Impact test (Falling frame and fork assembly)	<p><i>For bicycles for young children- conformity to IS 15533/ISO 8098, ;</i></p> <p><i>For 'young adult bicycles', 'city and, trekking', 'roadster', 'SLR bicycles', 'mountain bicycles', and 'racing bicycles- conformity to- IS 10613;</i></p> <p><i>For BMX bicycles- conformity to IS 19034;</i></p> <p><i>For EPAC bicycles- conformity to IS 19305 (Part 1).</i></p>
7.	Page 5, Cl. 8.3- Fatigue Test on Frame-Fork Assembly	New test has been added.
8.	Page 5, Cl. 8.4- Vibration Test on Frame-Fork Assembly	New test has been added.
9.	Page 5, Cl. 8.5- Tyre Clearance Test (Applicable for Suspension Frames Only)	Added as a requirement for Suspension frames, which have been added as a new variety in this revision
10.	Page 6, Cl. 8.6.2- Chemical test (test for finish)	Requirements for Painted, powder-coated, or plated frames have been separately specified now. Also, new requirements (NSS test and CASS) have been added.

4. Consequent upon revision of the Standard, existing Product Manual has also been revised as Doc: PM/ IS 623/5/ August 2025. In this revision, changes have been made in Sample size, Grouping Guidelines, List of test equipment, Scheme of Inspection and Testing and Scope of licence.

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

A. LICENSEES:

- (i) All Licensees shall implement the revised Standard by **24 January 2026**. 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 as per the old Standard after **24 January 2026**. The status of implementation of the revised Standard shall be confirmed by Head (BO) to CMD-III within two weeks of the last date of concurrent running.
- (ii) In order to establish conformity to revised Standard, licensee shall submit in-house or independent test report, as applicable, of the product to **new and modified requirements** (Frame dimensions as per Cl. 5.2, Impact test as per Cl. 8.2, Fatigue test as per Cl. 8.3, Vibration test as

per Cl. 8.4, Chemical test as per Cl. 8.6.2) as applicable to the product variety covered in scope of respective licence, as evidence of conformity to the revised Standard. Frames which have been added as a new variety (e.g. Frames suitable for Bicycles for young children, BMX cycles, EPAC bicycles and frame suspensions) in the revised Standard, shall be included/covered as per the Grouping guidelines given in the Product Manual.

- (iii) Verification of implementation of the revised Standard, shall be done during the next visit **which shall be completed within one month from the date of submission of compliance by licensee.**
- (iv) If the Licensee fails to complete all actions by **24 January 2026**, 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 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 also be obtained from such Applicants that if the sample fails while considering the provisions of the revised Standard, Licence will not be granted as per the old version.
- (ii) Applications which are recorded henceforth may be processed as per old or revised Standard. Processing of Applications as per the old Standard shall be permitted only up to **24 January 2026** and for such cases Applicant shall give a declaration that they will implement the revised Standard by **24 January 2026**.
- (iii) Beyond **24 January 2026**, no Licence shall be granted without consideration of the revised 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 old Standard shall be permitted only upto the date of implementation of the revision by the licensee or up to **24 January 2026**, whichever is earlier.

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

(Rakesh Kumar)
Scientist E/ Director

Head (CMD III)
DDG (Certification)