

## केंद्रीय मुहर विभाग - III

हमारा संदर्भ- केन्द्रीय मुहर विभाग-3/16: IS 623

29 08 2018

विषय: IS 623 के अनुपालन हेतु एस आई टी

सभी शाखा कार्यालय से आग्रह है कि एस आई टी Doc: SIT/623 /1, August 2018 का अनुपालन तत्काल प्रभाव से सुनिश्चित करें।

(अमित कुमार)  
वैज्ञानिक 'सी' (सी एम डी-III)

**प्रमुख (सी एम डी-III)**

सभी क्षेत्रीय/शाखा कार्यालय

आई टी एस विभाग— बीआईएस इंटरनेट पर अपलोड करने हेतू

### **CENTRAL MARKS DEPARTMENT-III**

Our Ref: CMD-3/16: IS 623

29 08 2018

**Subject: SIT for IS 623:2008 – Bicycle Frames**

BOs are requested to implement the SIT Doc: **SIT/623/1, August 2018** with immediate effect.

Amit Kumar  
Sc. C (CMD III)

**Head (CMD III)**

Circulated to: All ROs/BOs

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**SCHEME OF INSPECTION AND TESTING**

**FOR CERTIFICATION OF  
BICYCLE FRAME  
ACCORDING TO IS 623:2008**

**1. LABORATORY** - A laboratory shall be maintained which shall be suitably equipped (as per the requirement given in column 2 of Table 1) and staffed, where different tests given in the specification shall be carried out in accordance with the methods given in the specification.

**1.1** The manufacturer shall prepare a calibration plan for the test equipment.

**2. TEST RECORDS** – The manufacturer shall maintain test records for the tests carried out to establish conformity.

**3. LABELLING AND MARKING** – As per the requirements of IS 623: 2008. In addition, each frame shall carry Batch number or code number for traceability.

**4. CONTROL UNIT** – All bicycle frame manufactured under identical conditions in a day shall constitute a control unit.

**5. LEVELS OF CONTROL** - The tests as indicated in column 1 of [Table 1](#) and the levels of control in column 3 of [Table 1](#), shall be carried out on the whole production of the factory which is covered by this plan and appropriate records maintained in accordance with paragraph 2 above.

**5.1** All the production which conforms to the Indian Standard and covered by the licence should be marked with Standard Mark.

**6. REJECTIONS** – Disposal of non-conforming product shall be done in such a way so as to ensure that there is no violation of provisions of BIS Act, 2016.

TABLE 1

(1)			(2)	(3)			
Test Details			Test equipment requirement	Levels of Control			
Cl.	Requirement	Test Methods		R: required (or) S: Sub-contracting permitted	No. of Sample	Frequency	Remarks
		Clause	Reference				
3	Material	3	IS 623	S	—	Each Consignment	No further testing is required, if accompanied with test certificate or ISI marked
4	Dimension	4, Fig 1, Fig 2 Fig 3	IS 623  IS 2039 (Part 1 to Part 3)	R	—	Each Frame	
5	Manufacture	5	IS 623	R	—	Each Frame	—
6	Finish	6	IS 623	R		Each Frame	

7	<b>TESTS</b>						
7.1.	Trueness of Frame	7.1	IS 623	R	Three Frames	Every Control unit	
7.2.1	Impact Test (Falling Mass)	7.2.1	IS 623	R	One Frame	Every Control unit	
7.2.2	Impact Test (Falling Frame and Fork Assembly)	7.2.2	IS 623	R	One Frame	Every Control unit	
7.3	Test of Finish	7.3	IS 623	R	Three Frames	Every Control unit	

**NOTE-1:** Sub-contracting is permitted to a laboratory recognized by the Bureau or Government laboratories empanelled by the Bureau.

**NOTE-2:** Levels of control given in column 3 are only recommendatory in nature. The manufacturer may define the control unit/batch/lot and submit his own levels of control in column 3 with proper justification for approval by BO Head.