

भारतीय मानक ब्यूरो
(केंद्रीय मुहर विभाग-III)

हमारा सन्दर्भ : सीएमडी-III/ सीईडी-प्लंबिंग प्रोडक्ट्स

08 जून 2022

विषय : नलसाजी उत्पादों की जल दक्षता रेटिंग के लिए लेबलिंग और मार्किंग आवश्यकता - आईएस 17650 (भाग 1):2021 और आईएस 17650 (भाग 2):2021 के अनुसार सेनेटरीवेयर और सैनिटरी फिटिंग

इसे उपरोक्त विषय का संदर्भ प्राप्त है।

सक्षम प्राधिकारी का उपरोक्त संदर्भ में अनुमोदित परिपत्र संलग्न है।

सभी शाखा कार्यालयों से अनुरोध है की उपरोक्त परिपत्रका अनुपालन तत्काल प्रभाग से सुनिश्चित करें।

(आशीष कुमार कंठर)
वैज्ञानिक-सी/ डिप्टी डायरेक्टर (सी एम् डी - III)

प्रमुख (सी एम डी- III)

सभी क्षेत्रीय /शाखा कार्यालय

प्रतिलिपि : आई टी एस विभाग -बी आई एस इंटरनेट पर डालने हेतु

BUREAU OF INDIAN STANDARDS
(Central Marks Department-III)

Subject: Ref: CMD-III/CED-Plumbing Products

08 June 2022

Subject: Labelling & Marking Requirements for Water Efficiency Rating of Plumbing Products – Sanitaryware & Sanitary Fittings as per IS 17650 (Part 1):2021 & IS 17650 (Part 2):2021

This has reference to the subject mentioned above.

The circular approved by the competent authority on the above subject is enclosed.

All BOs are requested to ensure the implementation of the above circular with immediate effect.

(A K Kanar)
Sc-C/ Dy Dir (CMD-III)

Head (CMD-III)

Circulated to: All ROs/BOs

Copy to: ITS – for hosting on Intranet please

CENTRAL MARKS DEPARTMENT-III

Ref: CMD-III/CED-Plumbing Products

08 June 2022

Subject: Labelling & Marking Requirements for Water Efficiency Rating of Plumbing Products – Sanitaryware & Sanitary Fittings as per IS 17650 (Part 1):2021 & IS 17650 (Part 2):2021

1. This has reference to the conformity assessment of Plumbing products- Sanitaryware & Sanitary Fittings. In this regard, two new Indian Standards have been published for water efficiency requirements of plumbing products:

- a) **IS 17650 (Part 1) : 2021** Water Efficient Plumbing Products — Requirements : Part 1 Sanitaryware
- b) **IS 17650 (Part 2) : 2021** Water Efficient Plumbing Products — Requirements : Part 2 Sanitary Fittings

2. The above two new standards on water efficient plumbing products cover additional requirements to be met by respective plumbing products to qualify for water efficiency rating based on water consumption; the criteria for being rated as 1 Star, 2 Stars or 3 Stars based on water consumption; and labelling requirements. Further, as per the above Indian Standards, in order to qualify for water efficiency rating, the products must conform to the respective product Standards, i.e. Sanitaryware-IS 2556 (Part 6), IS 2556 (Part 8), IS 774, IS 7231 and Sanitary Fittings- IS 8931. These Standards specify water efficiency as an additional requirement which is to be complied as per IS 17650 (Part 1):2021 or IS 17650 (Part 2):2021, as the case may be.

3. In case a manufacturer opts for the additional requirement for water efficiency, then water efficiency rating label of plumbing products as given in IS 17650 (Part 1):2021 or IS 17650 (Part 2):2021 is required, in addition to the marking requirements laid down in the product Standards. Licence shall be granted under the respective plumbing Product Standards and in case a manufacturer opts for the additional requirement for water efficiency, the same shall be included in the scope of licence.

4. For water efficient plumbing products, the water efficiency rating label shall be pasted with water proof sticker having water rating label along with the BIS Standard Mark for the product (for which the licence is granted) on each appliance/ sanitaryware/ sanitary fittings. The carton containing the product shall also be pasted with a sticker as above.

5. IS 17650 (Part 1):2021 or IS 17650 (Part 2):2021 have depicted the marking requirements of the label which is only typical in nature. Based on this, labelling and marking requirements of water efficiency rating labels for water efficient sanitaryware and sanitary fittings have been designed which are enclosed at Annex-I. Dimensions and color scheme of water efficiency rating label are enclosed at Annex-II.
6. The label shall be reproduced in full. The label shall be faithfully reproduced, and all text shall be readable with normal or corrected vision. The dimensions of the label can be proportionately reduced or enlarged with respect to the size of the plumbing product, but should be prominently visible. The label shall be prominent and visible when the product is profiled, displayed, promoted, marketed, sold or supplied at any point in the supply chain.
7. It may be noted that IS 17650 (Part 1):2021 and IS 17650 (Part 2):2021 as standalone Standards are not certifiable. Licence shall not be granted to a manufacturer in standalone as per IS 17650 (Part 1):2021 or IS 17650 (Part 2):2021 only.
8. This issues with the approval of DDG (Certification).

(Ashish K Kanar)
Sc-C/Dy Dir (CMD-III)

Head (CMD-III)
DDG (Certification)

ANNEX-I

A) WATER EFFICIENT SANITARYWARE (Water Closet/ Squatting Pan/ Flushing Cistern/ Flush Valve)

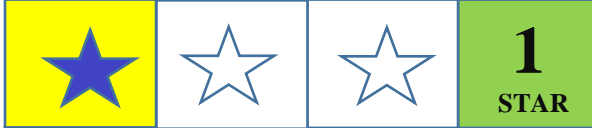

(i) 3 STARS –

	3 STARS	IS XXXXX  CML-XXXXXXX
WATER EFFICIENCY RATING As per IS 17650 (Part 1)		
Name of Manufacturer: Model No: Product Name: Full Flush: _ litres/ flush Reduced Flush: _ litres/ flush		

(ii) 2 STARS –

	2 STARS	IS XXXXX  CML-XXXXXXX
WATER EFFICIENCY RATING As per IS 17650 (Part 1)		
Name of Manufacturer: Model No: Product Name: Full Flush: _ litres/ flush Reduced Flush: _ litres/ flush		

(iii) 1 STAR –

	<p>IS XXXXX  CM/L-XXXXXXX</p>
<p>WATER EFFICIENCY RATING As per IS 17650 (Part 1)</p>	
<p>Name of Manufacturer: Model No: Product Name: Full Flush: _ litres/ flush Reduced Flush: _ litres/ flush</p>	

B) WATER EFFICIENT SANITARYWARE (URINALS)

(i) 3 STARS –

	<p>IS XXXXX  CM/L-XXXXXXX</p>
<p>WATER EFFICIENCY RATING As per IS 17650 (Part 1)</p>	
<p>Name of Manufacturer: Model No: Product Name: Flush Volume of Urinals : _ litres/ flush</p>	

(ii) 2 STARS –

			2 STARS	IS XXXXX  C/M/L-XXXXXXXX
WATER EFFICIENCY RATING As per IS 17650 (Part 1)				
Name of Manufacturer: Model No: Product Name: Flush Volume of Urinals :_ litres/ flush				

(iii) 1 STAR –


			1 STAR	IS XXXXX  C/M/L-XXXXXXXX
WATER EFFICIENCY RATING As per IS 17650 (Part 1)				
Name of Manufacturer: Model No: Product Name: Flush Volume of Urinals :_ litres/ flush				

C) WATER EFFICIENT SANITARY FITTINGS





(i) 3 STARS –

	3 STARS	IS XXXXX  CM/L-XXXXXXX
WATER EFFICIENCY RATING As per IS 17650 (Part 2)		
Name of Manufacturer: Model No: Product Name: Pressure Range for functional requirement Flow Rate : _ litres/ min, or litres/ use		

(ii) 2 STARS –

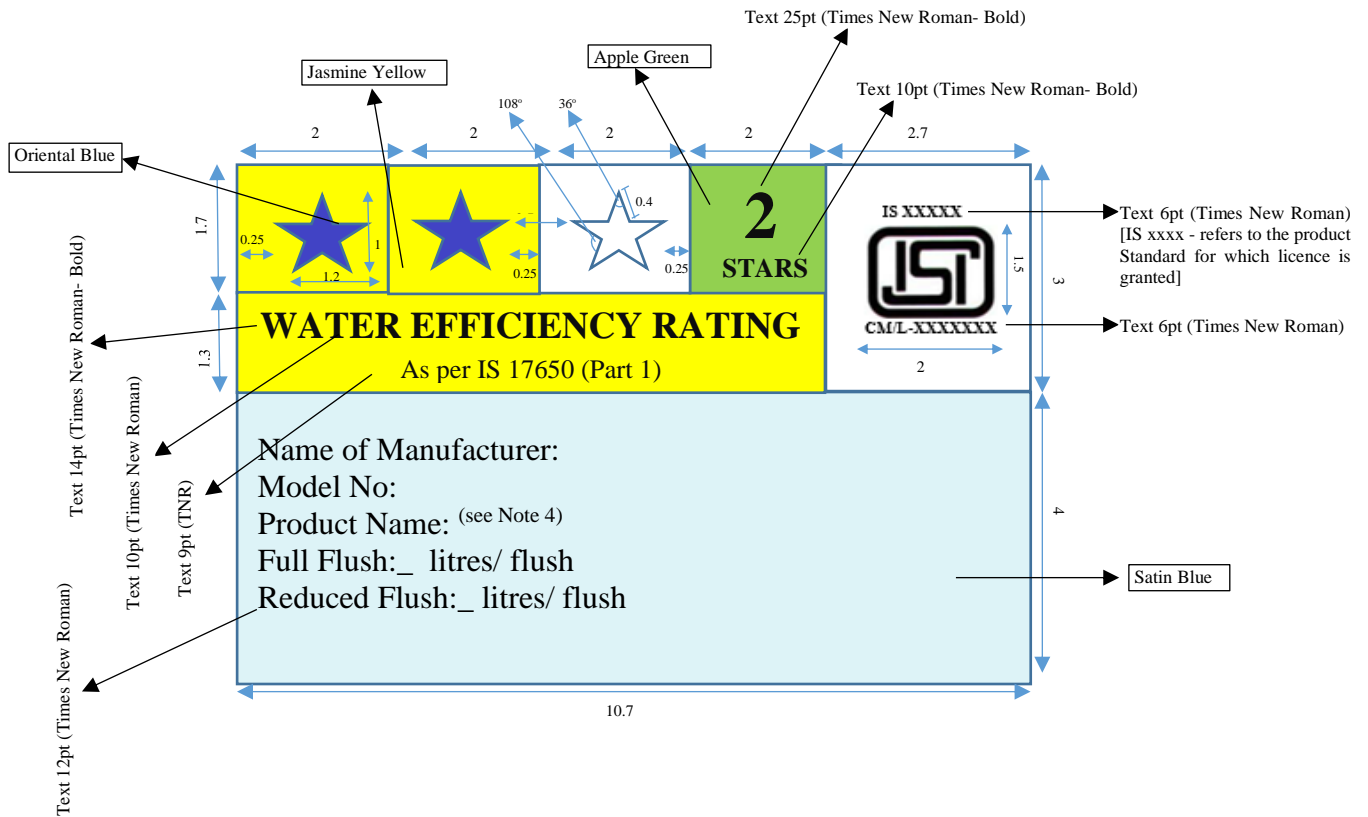
		2 STARS	IS XXXXX  CM/L-XXXXXXX
WATER EFFICIENCY RATING As per IS 17650 (Part 2)			
Name of Manufacturer: Model No: Product Name: Pressure Range for functional requirement Flow Rate : _ litres/ min, or litres/ use			

(iii) 1 STAR –

			1 STAR	IS XXXXX  CM/L-XXXXXXX
WATER EFFICIENCY RATING As per IS 17650 (Part 2)				
Name of Manufacturer: Model No: Product Name: Pressure Range for functional requirement Flow Rate : _ litres/ min, or litres/ use				

ANNEX-II

DIMENSIONS AND COLOR SCHEME OF WATER EFFICIENCY RATING LABEL



- Note: (1) All dimensions are in cm & all letters are in black colour
 (2) The font sizes are typical in nature.
 (3) The dimensions of the label can be proportionately reduced or enlarged with respect to the size of the plumbing product, but should be prominently visible.
 (4) Indicate the exact name of the products such as Washdown water closet, Close-coupled water closet, One-piece water closet, One-piece syphonic water closet, Universal water closet, Washdown Wall Mounted water closet, Squatting pan, Integrated squatting pan, Plastic flushing cistern, Ceramic flushing cistern and Flush valves

Colour Scheme for Logo:

- a) Satin Blue - Shade No 177 of IS 5
- b) Apple Green - Shade No 281 of IS 5
- c) Jasmine Yellow – Shade No 397 of IS 5
- d) Oriental Blue - Shade No 174 of IS 5