

BUREAU OF INDIAN STANDARDS

Freshwater, in sufficient quantity and quality, is essential for all aspects of life and sustainable development. Access to safe drinking water to all has therefore been identified as one of the sustainable development goals of the UN. However, the global challenge being poised by the rapidly growing urban areas is the increase in water use which has resulted in high stress on available water resources. Thus, there is a need of sustainable water management to ensure that water shortage and scarcity is not further aggravated due to the increase in water demand. Water has to be treated as a scarce resource, with a far stronger focus on improving water productivity, managing demand, ensuring sustainable withdrawals, water use efficiency, reduction in losses in municipal distribution networks, etc.

National Water Policy of India already envisages that the water resources of the country should be developed and managed in an integrated manner, for which the focus is on optimal sustainable development, maintenance of quality and efficient use of water resources to match with the growing demands.

Water Efficient Plumbing Products can be used as one of the solutions for saving water as they can meet the performance requirements and also provide user satisfaction and hygiene with reduced water consumption. Use of these products will also reduce energy used for treating and transporting water to the consumers. Further, they will reduce the quantity of waste water generated, thereby reducing strain on wastewater treatment facilities. Towards this objective, the Bureau of Indian Standards is formulating Indian Standards for Water Efficient Plumbing Products, and has issued the following draft standards for eliciting public comments:

- a) **Draft Indian Standard for Requirements for Water Efficient Plumbing Products: Part 1 Sanitaryware [DOC:CED 3 (14857)]**
- b) **Draft Indian Standard for Requirements For Water Efficient Plumbing Products: Part 2 Sanitary Fittings [DOC:CED 3 (14859)]**

These drafts which cover provisions for water efficiency rating and labelling of plumbing products, are available on our website, www.bis.gov.in and can be accessed from the following link:

https://www.services.bis.gov.in:8071/php/BIS_2.0/dgdashboard/draft/darft_detailcomm/191/3/CED-3

The last date for sending comments on these drafts is 31 August 2020.