

केंद्रीय मुहर विभाग-2

संदर्भ : कें.मु.वि-2/ 16: 16240

दिनांक 29/09/2022

विषय: आई एस 16240 : 2015 के संशोधित संख्या 2 के अनुपालन के दिशा निर्देश ।

- 1) यह उपरोक्त के संदर्भ में है।
- 2) सक्षम अधिकारी द्वारा अनुमोदित दिशा निर्देश अनुपालन हेतु संलग्न है।
- 3) सभी शाखा कार्यालयों से अनुरोध है कि दिशा निर्देशों का तत्काल प्रभाव से अनुपालन सुनिश्चित करें। ।

(शौविक चंदा)
वैज्ञानिक-डी

प्रमुख, (कें.मु.वि.-2)

सभी क्षेत्रीय/शाखा कार्यालयों /प्रयोगशालाओं/FAD/LRMD

CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16: 16240

Dated: 29/09/2022

Subject: Guidelines for Implementation of Amendment NO. 2 to IS 16240 : 2015

1. This has reference to the subject mentioned above.
2. The Competent Authority has approved the enclosed Guidelines for implementation.
3. All ROs/BOs are requested to ensure the implementation of the above Guidelines with immediate effect.

(Shouvik Chanda)
Scientist-D

Head (CMD 2)

All ROs/BOs/Labs/FAD/LRMD

CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16:16240

29-09-2022

Subject: Guidelines for implementation of Amendment No. 2 to IS 16240:2015 for Reverse Osmosis (RO) Based Point-of-Use (PoU) Water Treatment System for Drinking Purposes

1. Amendment No. 2 to IS 16240:2015 has been published and was made effective from 30 Dec 2021. The concurrent running period for IS 16240:2015 with and without amendment no. 2 is till 24 March 2023.

2. The significant changes in the standard through this amendment 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 amendment.

Clause No. of IS 16240	Changes
Title	Title of the Indian Standard has been changed and the wordings 'for Drinking Purposes' has been added
4.3	TDS display meter to be installed on each RO system
6.3.3, Table 1	a) Test requirement for Iron has been deleted b) Specific requirement for E. coli and MS2(Viruses) have been corrected from $10^7 \times 100$ ml to $1.0 \times 10^7 \times 100$ ml and from $10^8 \times 100$ ml to $1.0 \times 10^8 \times 100$ ml
9.3	The manufacturer is required to state in the user manual to be provided with the RO system and on the product for cleaning and disinfecting, that usage of halogenation solution(chlorine) 'would help in prevention and tackling biofilm formation in the RO membrane/system'.
10.1	The manufacturer is required to state on the label of the RO system, that 'it is not recommended for iron level above 0.3 mg/l'.
Cl. 8.1 and 8.2, Annex-A	Sampling Plan for RO System has been changed and now 4 samples are required to be taken instead of 2 samples. Test requirement of Iron is not required to be tested and now, 10 litres of product water is used to wash out the contaminants instead of 40 litres.

3. The existing Product manual has been revised to incorporate the changes due to the amendment and it is being circulated separately. Through BIS website, as Product Manual Doc: PM/IS 16240/3, September 2022.

4. Since the above amendment has been issued as a means of change of name of the Indian Standard, deletion of a test requirement, changes in labelling and additional installation of TDS meter, the licensee need to submit evidence of conformity to the BO, for the modified/additional requirements of the standard as per the amendment.

Verification of implementation of the amendment, shall be verified through a surveillance visit within 30 days of confirmation of implementation of the Amendment No. 2 by licensee.

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

(Shouvik Chanda)
Scientist D

Head (CMD-2)
DDG (Certification)

Circulated to :

- i) All RO/BOs**
- ii) All other concerned - through BIS intranet**