



## केन्द्रीय मुहर विभाग - III

हमारा संदर्भ- केन्द्रीय मुहर विभाग-३/१६: भा.मा. 15558

१२ अगस्त २०२४

**विषय:** अनुपालन हेतु गाइडलाइन

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

(राकेश कुमार)

वैज्ञानिक 'डी'/संयुक्त निदेशक (के मु वि III)

**प्रमुख (के मु वि III)**

सभी क्षेत्रीय/शाखा कार्यालय

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

Our Ref: CMD-3/16: IS 15558

12 August 2024

**Subject: Guidelines for implementation of revised Indian Standard IS 15558: 2024-  
"Instantaneous Domestic Water Heater for Use with LPG"**

This has reference to the subject mentioned above.

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

(Rakesh Kumar)

Scientist D/Joint Director (CMD III)

**Head (CMD - III)**

Circulated to: All ROs/BOs

### CENTRAL MARKS DEPARTMENT-III

Our Ref: CMD-3/16: IS 15558

12 August 2024

**Subject: Guidelines for implementation of revised Indian Standard IS 15558: 2024-  
“Instantaneous Domestic Water Heater for Use with LPG”**

1. Indian Standard IS 15558: 2005 has been revised and published as IS 15558: 2024. **The last date for implementation of the revised Standard is 04 January 2025.**
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 No, Clause reference	Change
1.	Page 1, Cl. 3.9	Definition of nominal water rate has been modified. Now it is defined as the rate of water , in litres per minute, which is obtained with the nominal useful output of appliance for temperature rise of 20 °C. Earlier it was defined for temperature rise of 25 °C.
2.	Page 2, Cl. 5.5	Provision for diaphragm has been made optional
3.	page 2, Cl. 6.3	Requirement of minimum Wall thickness of copper or brass tube for water connections has been changed from 0.5 mm to 0.45 mm
4.	Page 3, Cl. 16- Thermal efficiency	Minimum efficiency requirement has been made as 82 %, irrespective of heat input rating of heater. Earlier 84 % minimum efficiency was required for heater of input rating more than 10kW.
5.	Page 3, Cl. 17- Combustion test	Gas inlet pressure for Combustion test has been changed to 2.942 kN/m <sup>2</sup> (30 gf/cm <sup>2</sup> )
6.	Page 4, Cl. 18- Gas Consumption test	Gas inlet pressure for Gas Consumption test has been changed to 2.942 kN/m <sup>2</sup> (30 gf/cm <sup>2</sup> )
7.	Page 4, Cl. 26- Hot Water Output test	In hot water output test, difference between temperatures of inlet and outlet water which is required to be maintained has been changed to 20 °C ± 2 °C. Also, now the acceptance criteria has been changed to ± 10 % of declared value (earlier it was ± 5 % of declared value). Inlet water temperature has been specified to be 27 °C ± 2 °C.

8.	Page 5 and 6, Annex B- Test method for thermal efficiency test	Water head required to be maintained in the tank for thermal efficiency test has been changed from “2 m” to “2 m to 3 m”. Also, For thermal efficiency test, gas shall be taken from a small cylinder up to 5 kg (earlier it was allowed only in cylinders/bottles up to 2 kg)
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4. Consequent upon publication of the Amendment, existing Product Manual has also been revised as Doc: PM/ IS 15558/2/ August 2024. In this revision, changes have been made in Scheme of Inspection and Testing.

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

**A. LICENSEES:**

- (i) All Licensees shall implement the Amendment by 05 June 2025. 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 Standard without Amendment after 05 June 2025. The status of implementation of the Amendment 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 the revised Standard, licensee shall submit in-house/independent test report, as applicable, of the product for modified test requirements (Combustion, Gas Consumption and Hot water output tests) as per revised Standard, as evidence of conformity to revised Standard.
- (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 04 January 2025 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 Old Standard. However, if the Applicant is desirous of considering the application as per 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 old Standard.
- (ii) Applications which are recorded henceforth may be processed as per old Standard or revised Standard. Processing of Applications as per old Standard shall be permitted only up to 04 January 2025 and for such cases Applicant shall give a declaration that they will implement the revised Standard by 04 January 2025.

(iii) Beyond 04 January 2025 no Licence shall be granted as per old 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 revised Standard by the licensee or up to 04 January 2025 whichever is earlier.
6. The above guidelines come into force with immediate effect.

**(Rakesh Kumar)**  
**Scientist D/Joint Director**

Head (CMD III)  
**DDG (Certification)**