



## केन्द्रीय मुहर विभाग - III

हमारा संदर्भ- केन्द्रीय मुहर विभाग-३/१६: भा.मा. १३९१ (भाग १) २९ सितम्बर २०२३

**विषय:** अनुपालन हेतु गाइडलाइन

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

(राकेश कुमार)  
वैज्ञानिक 'डी' (के मु वि III)

**प्रमुख (के मु वि III)**

सभी क्षेत्रीय/शाखा कार्यालय

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

Our Ref: CMD-3/16: IS 1391 (Part 1)

29 September 2023

**Subject: Guidelines for implementation of revised Indian Standard IS 1391 (Part 1): 2023- Room Air Conditioners- Unitary Air Conditioners**

This has reference to the subject mentioned above.

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

(Rakesh Kumar)  
Scientist D (CMD III)

**Head (CMD - III)**

Circulated to: All ROs/BOs

## CENTRAL MARKS DEPARTMENT-III

Our Ref: CMD-3/16: IS 1391 (Part 1)

29 September 2023

**Subject: Guidelines for implementation of revised Indian Standard IS 1391 (Part 1): 2023- Room Air Conditioners- Unitary Air Conditioners**

1. IS 1391 (Part 1): 2017 has been revised and published as IS 1391 (Part 1): 2023. **The last date for implementation of the revised Standard is 22 August 2024.**
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 and clause reference	Change
1	Page 1, Cl. 1- Scope	Scope of the Standard has been harmonized with ISO 5151
2	Page 4, Cl. 5.5	Limits on Open area of air filter has been modified
3	Page 4, Cl. 5.5.2	Requirement of Pre-filter and High Efficiency Particulate Air (HEPA) filter, if used, has been incorporated
4	Page 5, Cl. 5.10	Requirement of drain plug has been incorporated
5	Page 8, Cl. 9.4.3	Voltage adjustment for maximum operating conditions test has been aligned with ISO 5151
6	Page 8, Cl. 9.4.5.3	Motor overload protective device requirement has been added for the maximum operating conditions test
7	Page 11, Cl. 9.10.2- Test conditions for Cooling capacity test	Adjustments in cooling capacity results have been incorporated
8	Page 16, Cl. 9.14	Method for Sound test has been modified
9	Cl. 9.12 (Method of measurement of ISEER) and Cl. 10.3 (Calculation of ISEER)	For the requirements of Indian Seasonal Energy Efficiency Ratio (ISEER), IS 18154 (Part 1) has now been referred
10	Cl. 11.1.2, Table 7	Accuracy and resolution of measuring instruments have been revised
11	Cl. 9.10.4 and Cl. 9.11.7.4	Data to be recorded for tests (Cooling capacity test and Heating capacity test) have been added

4. Consequent upon revision of the Standard, existing Product Manual has also been revised as Doc: PM/ IS 1391 (Part 1)/ 5/ September 2023. In this revision, changes have been made in requirements of raw material and 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 revised Standard by 22 August 2024. 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 Revised Standard after 22 August 2024. The status of implementation of the revised Standard 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 modified requirements, licensee shall submit the modified list of test equipment required, as applicable, as per the revised standard (for tests as per Cl. 11.1.2, Cl. 9.10.2). Further, licensees shall also submit declaration of the raw Materials (of Air Filter, of Pre-filter/HEPA filter (if used)) used along with Test certificates as evidence of conformity to revised Standard. Further, in-house/independent test report of product, as applicable, as evidence of conformity to the modified requirements (Cl. 5.10, Cl. 9.4.5.3) as per revised Standard shall also be submitted.
- (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) Declaration of all Model numbers covered in existing scope of all licences, as per the Grouping Guidelines of the revised Product Manual (Doc: PM/ IS 1391 (Part 1)/ 5/ September 2023), shall also be submitted by the licensees and kept for records by BOs.
- (v) If the Licensee fails to complete all actions by 22 August 2024 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 the 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 the old version.
- (ii) Applications which are recorded henceforth may be processed as per old or revised Standard. Processing of Applications as per the old Standard shall be permitted only up to 22 August 2024 and for such cases Applicant shall give a declaration that they will implement the revised Standard by 22 August 2024.
- (iii) Beyond 22 August 2024 no Licence shall be granted without consideration of the revised 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 revision by the licensee or up to 22 August 2024 whichever is earlier.
6. The above guidelines come into force with immediate effect.

**(Rakesh Kumar)**  
**Scientist D**

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