

केन्द्रीय मुहर विभाग - III

हमारा संदर्भ- केन्द्रीय मुहर विभाग-3/16: IS 1391(Part 1)

दिनांक: 26 11 2018

विषय: IS 1391(Part 1) के लिए ग्रुपिंग गाइडलाइन

IS 1391(Part 1) के लिए ग्रुपिंग गाइडलाइन संलग्न है।

(अमित कुमार)
वैज्ञानिक 'सी' (सी एम डी-III)

प्रमुख (सी एम डी-III)

सभी क्षेत्रीय/शाखा कार्यालय

आई टी एस विभाग — बीआईएस इंटरनेट पर अपलोड करने हेतू

CENTRAL MARKS DEPARTMENT-III

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

Date: 26 11 2018

Subject: Grouping Guidelines for certification of Unitary Room Air Conditioner as per IS 1391 (Part 1): 2017.

Grouping Guidelines for certification of Unitary Room Air Conditioner as per IS 1391(Part 1): 2017 is attached.

Amit Kumar
Sc. C (CMD III)

Head (CMD - III)

Circulated to: All ROs/BOs

Copy to: ITS for hosting on Intranet

CENTRAL MARKS DEPARTMENT-III

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

Date: 26 11 2018

Subject: Grouping Guidelines for certification of Unitary Room Air Conditioner as per IS 1391 (Part 1): 2017.

1. The following parameters are taken into consideration for the grouping guidelines for certification of Unitary Room Air Conditioner as per IS 1391 (Part 1): 2017:

Classifications based upon function: (i) Cooling and Dehumidification (ii) Cooling and heating by Heat pump and (iii) Cooling and heating by electric heater.

2. Considering the above, following Group has been formed for GOL/Inclusion:

Group	Cooling capacity in Watt (W)	Sample to be tested
I	Upto and including 4 400	From each group, sample of highest cooling capacity among the capacities intended to be covered in the license, shall be tested for all requirements.
II	Above 4 400	

3. When samples are tested to cover both the groups, at least one sample from each function shall be tested to cover the entire range of Air-conditioners. However, if a sample of Air Conditioner with “Cooling and Dehumidification” is tested, Air conditioners with “Cooling and heating by Heat pump” may also be included without further testing and vice-versa.
4. The manufacturer shall declare the function and cooling capacities of Air- conditioners they intend to cover in the Licence.
5. The Scope of Licence may be restricted based on the Manufacturing and testing capabilities of the manufacturer.
6. During the operation of Licence, it shall be ensured that all the varieties covered in the Licence are tested in rotation, to the extent possible.
7. A typical example for drawal of sample to cover the entire varieties under the scope of the License is given for the purpose of general guidance:

Sample 1	Unitary Room Air conditioner, Rated Cooling Capacity 4 400 W, ‘Cooling and Dehumidification’ or ‘Cooling and heating by Heat pump’
Sample 2	Unitary Room Air conditioner, Rated Cooling Capacity 10 500 W, ‘Cooling and heating by Electric Heater’

or

Sample 1	Unitary Room Air conditioner, Rated Cooling Capacity 10 500 W, 'Cooling and Dehumidification' or 'Cooling and heating by Heat pump'
Sample 2	Unitary Room Air conditioner, Rated Cooling Capacity 4 400 W, 'Cooling and heating by Electric Heater'

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DDG (Certification)