

**RE: Clarification required on Scope\_of IS 302(Part2/Sec 80) :2017**

RA

ravinder.gambhir@havells.com

Tue, 13 Aug 2024 11:59:23 AM +0530

To "ETD DEPARTMENT" <eetd@bis.gov.in>

Cc "indian.fan.manufacturers" <indian.fan.manufacturers@gmail.com>, "Atul Gupta" <atulgupta@stqc.gov.in>, "CENTRAL MARKS" <cmd3@bis.gov.in>, "pkmukherjee09" <pkmukherjee09@yahoo.com>

Tags Not in Contacts

Dear Sir

As per the Scope of the IS 302-2-80, following household and similar purpose use fans are covered

1. Ceiling Fans – (other than covered in scope of IS 374 )
2. Table / Personal fans / Cabin fans
3. Wall fans
4. Pedestal fans
5. Duct Fans-Duct fans are installed in a duct in accordance with the installation instructions, the length of the duct being approximately four times the diameter of the fan.
6. Light duty Table / Pedestal / Wall fans- fans intended for use in shops, in light industry and on farms.
7. Partition fans – Partition fans are installed in the center of a suitable partition having dimensions at least four times the diameter of the air inlet.

**Fans which are not covered in the Scope of IS 302-2-80**

1. Industrial Use Fans – Table/Wall/Pedestal/ Exhaust - NOTE 103 of IS 302-2-80, This standard does not apply to, a) appliances intended exclusively for industrial purposes.
2. Metal body Exhaust Fans (Domestic use) - Clause 1 of IS 302-2-80, This standard does not cover performance requirement nor does it apply to household kitchen fans, air heaters required with fans, heating, ventilating units, mechanical refrigeration, equipment or air conditioners.
3. Plastic body Ventilating Fans (Domestic use) – Clause 1 of IS 302-2-80, reason same as above
4. HVLS Industrial Ceiling fans – These fans come under Industrial category hence to be excluded
5. Plastic body Personal fans with DC power supply – This type of fans do not pose any safety threat in household use hence these should be excluded from the scope of IS 302-2-80
6. Tower fans – Not covered in scope of IS 302-2-80.

Regards

Ravinder Gambhir

Head – IFMA Technical committee

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**From:** ETD DEPARTMENT <eetd@bis.gov.in>

**Sent:** Monday, August 12, 2024 7:04 PM

**To:** Ravinder Gambhir <RAVINDER.GAMBHIR@HAVELLS.COM>

**Cc:** indian fan manufacturers <indian.fan.manufacturers@gmail.com>; Atul Gupta <atulgupta@stqc.gov.in>; CENTRAL MARKS <cmd3@bis.gov.in>

**Subject:** Re: Clarification required on Scope\_of IS 302(Part2/Sec 80) :2017

Dear Sir,

With reference to trailing mail, kindly recall that vide Indian Fan Manufacturers Association's (IFMA's) e-mail dated 28-06-2024, you were nominated as one of the officials to represent IFMA in ETD 32 Electrical Appliances Sectional Committee, since IFMA is a member of said committee.

**(A)** In view of this, in your capacity as an expert member of ETD 32, you are requested to kindly submit your inputs, with technical clarifications, regarding the queries mentioned in the trailing mail, so that a conclusion can be arrived at in the matter.

All the attachments sent by you via e-mail are re-attached for your ready reference.

**(B)** I also bring your kind attention to the decision of ETD 32 made at its 42nd meeting, held on 04-06-2024, which stated that the fan industry is to give its comments about which fans are not covered in IS 302-2-80:2017. Please refer to Sl. No. 1 of Item 6 of said minutes (attached). I request you, in your capacity as IFMA representative, to kindly provide the **industry's comments** on this issue.

With warm regards,

Tushar Sharma

Scientist-D and Member Secretary, ETD 32

विद्युत् तकनीकी विभाग | Electrotechnical Department

भारतीय मानक ब्यूरो | Bureau of Indian Standards

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**From:** "RAVINDER GAMBHIR" <[RAVINDER.GAMBHIR@HAVELLS.COM](mailto:RAVINDER.GAMBHIR@HAVELLS.COM)>  
**To:** "ETD DEPARTMENT" <[eedt@bis.gov.in](mailto:eedt@bis.gov.in)>  
**Sent:** Thursday, July 25, 2024 1:40:36 PM  
**Subject:** FW: Clarification required on Scope\_of IS 302(Part2/Sec 80) :2017

Dear Sir

Please revert on the below query because test labs are not accepting these type of fans.  
If these fans are covered these need to be added in the scope of IS 302-2-80 and standard need to be amended accordingly.

Regards  
Ravinder Gambhir  
Head - IFMA Technical committee

**From:** CENTRAL MARKS <[cmd3@bis.gov.in](mailto:cmd3@bis.gov.in)>  
**Sent:** Monday, July 22, 2024 2:30 PM  
**To:** ETD DEPARTMENT <[eedt@bis.gov.in](mailto:eedt@bis.gov.in)>  
**Cc:** Head CMDIII <[hcmd3@bis.gov.in](mailto:hcmd3@bis.gov.in)>; Ravinder Gambhir <[RAVINDER.GAMBHIR@HAVELLS.COM](mailto:RAVINDER.GAMBHIR@HAVELLS.COM)>  
**Subject:** Fwd: Clarification required on Scope\_of IS 302(Part2/Sec 80) :2017

Dear Sir,

This has reference to the trailing email.

ETD is kindly requested to provide an update on the issue.

Thanks & Regards,  
Peeyush Prakash  
Sc.-D

भारतीय मानक ब्यूरो/ Bureau of Indian Standards  
केन्द्रीय महुरंकेन विभाग - III/ Central Marks Department-III  
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**From:** "CENTRAL MARKS" <[cmd3@bis.gov.in](mailto:cmd3@bis.gov.in)>  
**To:** "ETD DEPARTMENT" <[eedt@bis.gov.in](mailto:eedt@bis.gov.in)>  
**Cc:** "Head CMDIII" <[hcmd3@bis.gov.in](mailto:hcmd3@bis.gov.in)>, "RAVINDER GAMBHIR" <[RAVINDER.GAMBHIR@HAVELLS.COM](mailto:RAVINDER.GAMBHIR@HAVELLS.COM)>  
**Sent:** Friday, July 12, 2024 2:53:09 PM  
**Subject:** Fwd: Clarification required on Scope\_of IS 302(Part2/Sec 80) :2017

This has reference to the trailing email.

As the query pertains to coverage of product in IS 302-2-80 : 2017, ETD is kindly requested to revert back to IFMA with a copy to CMD-III.

Thanks & Regards,  
Peeyush Prakash  
Sc.-D

भारतीय मानक ब्यूरो/ Bureau of Indian Standards  
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**From:** "RAVINDER GAMBHIR" <[RAVINDER.GAMBHIR@HAVELLS.COM](mailto:RAVINDER.GAMBHIR@HAVELLS.COM)>  
**To:** "ETD DEPARTMENT" <[etd@bis.gov.in](mailto:etd@bis.gov.in)>  
**Cc:** "CMD I" <[cmd1@bis.gov.in](mailto:cmd1@bis.gov.in)>, "CENTRAL MARKS" <[cmd3@bis.gov.in](mailto:cmd3@bis.gov.in)>  
**Sent:** Wednesday, July 10, 2024 5:58:50 PM  
**Subject:** Clarification required on Scope\_of IS 302(Part2/Sec 80) :2017

Dear Sir,

DPIIT has issued QCO for mandatory ISI marking of safety standard IS 302(Part2/Sec 80) :2017 Household and similar electrical appliances - Safety- particular requirements for fans on 8<sup>th</sup> March 24 .  
As per the scope of IS 302(Part2/Sec 80) :2017 and product manual the standard is applicable to Ceiling fans, duct fans, partition fans, Pedestal fans and Table fans.

It is also mentioned in the Scope that **standard does not apply to household kitchen fans, air heaters with fans, heating and ventilation units, mechanical refrigeration equipment and air conditioners.**

You are requested to clarify whether IS 302(Part2/Sec 80) :2017 applies to plastic ventilare exhaust fans ,metal exhaust fans (for domestic use), Tower fans, personal fans (ac and dc type) and cabin fans as shown in the picture below.

IS Standard 302-2-80, QCO and Product Manual are also attached for your reference



Regards  
Ravinder Gambhir  
Head – IFMA Technical Committee