

(PREVIEW)

Indian Standard

SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES

PART 2 PARTICULAR REQUIREMENTS

Section 30 Room Heaters

1 SCOPE

This clause of Part 1 is replaced by the following:

This standard deals with the safety of electric radiators (room heaters) for household and similar purposes, their rated voltage being not more than 250 V for single-phase appliances and 415 V for other appliances.

NOTES

101 Examples of appliances that are within the scope of this standard are:

- a) Convector heaters;
- b) Fan heaters;
- c) Heaters for use in greenhouses;
- d) Liquid filled radiators;
- e) Panel heaters;
- f) Radiant heaters; and
- g) Tubular heaters.

Appliances not intended for normal household use but which nevertheless may be a source of danger to the public, such as appliances intended to be used by laymen in the shops, in light industry and on farms are within the scope of this standard.

As far as is practicable, this standard deals with the common hazards prevented by applications which are encountered by all persons in and around the home. However, in general, it does not take into account:

- a) Use of appliances by young children or by persons without supervision; and
- b) Playing with the appliance by young children.

102 Attention is drawn to the fact that:

- a) For appliances intended to be used in vehicles or on board ships or aircraft additional requirements may be necessary;

b) Additional requirement maybe specified by the national health authorities, the national authorities responsible for the protection of labour and similar authorities; and

c) For appliances intended to be used in the presence of combustible dust, for example. in barns or stables, additional requirement may be necessary.

103 This standard does not apply to:

- a) Appliances intended exclusively for industrial purpose;
- b) Appliances intended to be used where special conditions prevail, such as the presence of a corrosive or explosive atmosphere (dust, vapour or gas);
- c) Corrosive or explosive or explosive atmosphere (dust, vapour or gas);
- d) Heaters that are built into air conditioners;
- e) Clothes dryers and towels rails;
- f) Thermal storage room heaters;
- g) Heating appliances for breeding and rearing animals;
- h) Foot warmers and heating mats;
- j) Flexible sheet heating mats;
- k) Flexible sheet heating elements for room heating;
- m) Heated carpets;
- n) Central heating system; and
- p) Heating cables

2 REFERENCES

This clause of Part I is applicable except as follows:

<i>IS No.</i>	<i>Title</i>
1060 (Part 1) : 1966	Methods of sampling and test for paper and allied products: Part 1 (revised)
1401 : 2007	Accessibility test probe (second revision)
11000 (Part 2)/Sec 2) : 1984	Fire hazard testing: Part 2 Test methods, Section2 Needle flame test
12766 : 1997	Paper, computer – Specification (first revision)