

(PREVIEW)

Indian Standard

SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES

PART 2 PARTICULAR REQUIREMENTS

Section 201 Electric Immersion Water Heaters

1 SCOPE

This clause of Part I is replaced by :

This standard deals with the safety of portable electric immersion heaters for household and similar purpose, their rated voltage being not more than 250 V.

Appliances not intended for normal household use, but which nevertheless may be a source of danger to the public, such as appliance intended to be used by laymen in 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 presented by appliances, which are encountered by all persons in and around the home.

This standard, does not in general, takes into account,

- a) the use of appliance by young children or infirm persons without supervision; and
- b) playing with the appliance by young children.

NOTES

1 Attention is drawn to the fact that:

- i) for appliances intended to be used in vehicles or on board ships or aircraft, additional requirement may be necessary ;

2 This standard does not apply to:

- a) appliances intended exclusively for industrial purpose;
- b) appliances intended to be used in locations where special conditions prevail, such as the presence of a corrosive or explosive atmosphere (dust, vapour or gas) ;
- c) heating elements incorporated in portable appliances such as appliances for heating liquids (IS 302-2-15);
- d) aquarium heaters ; and

c) fixed immersion beaters.

2 REFERENCES

This clause of Part 1 is applicable except as follows:

Addition

<i>IS No.</i>	<i>Title</i>
302-1 : 2008	Safety of household and similar electrical appliances: Part I General requirements
302-2-15 : 1993	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 15 Appliances for heating liquids
4159 : 2002	Mineral filled sheathed heating elements (<i>third revision</i>)