

(PREVIEW)

Indian Standard

**SAFETY OF HOUSEHOLD AND SIMILAR
ELECTRICAL APPLIANCES**

PART 2 PARTICULAR REQUIREMENTS

Section 35 Electric Instantaneous Water Heaters

1 SCOPE

This clause of IS 302-1 (1979) is applicable except as follows:

1.1 Replacement

This standard covers general and safety requirement of instantaneous water heaters up to 3 litres capacity for heating water to a temperature below boiling point.

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

This standard does not take into account the special hazards which exist in nurseries and other places where there are young children or aged or infirm persons without supervision, in such cases, additional requirements may be necessary.

1.2 Replacement

This standard does not apply to:

- a) Instantaneous water heaters designed exclusively for industrial purpose.
- b) Instantaneous water heaters 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) Instantaneous water heaters of the electrode type.
- d) Storage water heaters, which are covered by a separate standard.

For instantaneous water heaters intended to be used in vehicles or on board ships or aircraft, additional requirements may be necessary.

ANNEX AA
(Foreword)

| <i>IS No.</i> | <i>Title</i> |
|----------------------|---|
| 302-1(1979) | Safety of household and similar electrical appliances : Part 1 General requirements (<i>fifth revision</i>) |
| 1570 (Part 5) : 1985 | Standard for wrought steel : Part 5 Stainless and heat resisting steel (<i>fifth revision</i>) |