

IS 2082: 1993
(Reaffirmed 2014)

Electric Geyser

Scope

This standard covers general safety and performance requirements Electric Geyser for household and similar purpose.

Safety Requirements:

Safety requirements to be complied with are as given IS 302-2-21(1992), which is the Safety Standard specific to Geysers.

Tests:

The Type, Routine and Acceptance tests specified are as under:

Type Tests	Routine Tests	Acceptance Tests
<ul style="list-style-type: none">➤ Safety requirement➤ Capacity➤ Standing loss➤ Hot water output➤ Reheating time➤ Mixing factor➤ Deviation of dial calibration➤ Cyclic temperature variation➤ Endurance➤ Finish	<ul style="list-style-type: none">➤ Protection against Electric shock➤ High voltage➤ Earthing connection➤ Pressure Test	<ul style="list-style-type: none">➤ Temperature-rise➤ Input Test➤ Protection against electric shock➤ Insulation resistance and leakage➤ Moisture resistance➤ Insulation resistance and electric strength (After humidity treatment)➤ Construction➤ Earthing connection➤ Capacity➤ Standing loss➤ Deviation of dial calibration