

**IS 302-2-23: 2009 SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES PART 2 PARTICULAR REQUIREMENTS Section 23 Appliances for Skin or Hair Care ( *First Revision* )**

This standard specifies safety requirements for appliances designed for skin or hair care, such as electric hairdryers, curling irons, and similar devices. The standard applies to appliances with a rated voltage not exceeding 250 V for single-phase and 480 V for other appliances.

The key focus is on protection against electric shock, overheating, and fire hazards. It outlines design and construction guidelines to ensure safe operation, particularly in environments where appliances may come into contact with water, such as bathrooms. The standard also covers mechanical strength, moisture resistance, and the durability of components like heating elements, cords, and switches.

Specific requirements are included to ensure user safety during normal and abnormal conditions. It mandates tests for insulation, temperature rise, and stability to verify compliance with safety norms. Overall, IS 302-2-23:2009 ensures that skin and hair care appliances operate safely, minimizing risks to users during everyday use.