



## **Indian Standard 302 (Part 2/Sec 75): 2018 – Guide to Safe and Reliable Commercial Dispensing Appliances and Vending Machines**

Dispensing Appliances are intended to deliver or make available food, drinks or other consumer products. A vending machine is a type of dispensing appliance that is operated by coins, credit cards or other means of payment.

Consumers expect commercial dispensing appliances and vending machines to be safe, **energy-efficient**, and **durable**, with **reliable operation** and robust design. For food or beverage dispensing, hygiene is essential, with easy-to-clean materials.

The IS 302 (Part 2/Sec 75): 2018 establishes essential safety requirements for electric commercial dispensing appliances and vending machines used for preparing or dispensing food, beverages, and consumer products. It addresses common hazards that may be encountered by both users and maintenance personnel and includes guidelines to ensure appliance hygiene.

Key safety measures included in the standard **cover protections against electrical**, thermal, and mechanical hazards, preventing **overheating** during normal use, and protecting against leakage current and **electric shock** at operating temperature. Additional requirements address protection against transient over-voltages, overloads, and degree of protection against moisture.

Adherence to IS 302 (Part 2/Sec 75): 2018 ensures that commercial dispensing appliances and vending machines meet essential safety criteria, providing assurance to both manufacturers and users. The BIS mark, signifying compliance with this standard, indicates that products have undergone rigorous testing for quality and safety, helping protect users and enhancing confidence in product performance.