

मानक समन्वय एवं निगरानी विभाग (एस सी एम डी)
Standards Coordination and Monitoring Department (SCMD)

हमारा सन्दर्भ: SCMD/G-32

दिनांक: 06 Nov 2024

विषय: Writing summaries of Indian Standards – reg.

1. This is with reference to the earlier circular dated 23 Oct 2024 issued in this regard.
2. DG BIS has reviewed the summaries uploaded on the portal so far and issued the following directions with regards to the ideal flow of the contents of a summary:

Define the product



Mention about good quality parameters expected by consumers in that product



How standard addresses these expectations

Important Notes:

- a. Word limit has been increased to 250-300 words per summary.
 - b. Use keywords, duly highlighted, commonly used by consumers while searching for information on the product on internet to ensure maximum search engine optimization of concerned Indian Standard(s)
3. All scientific officers are requested to revise their summaries in line with the above directions and re-upload revised versions on the portal by 11 Nov 2024. Model Summaries are attached for kind reference for all. All may kindly note that the summaries uploaded so far have been deleted from the portal.
 4. Officers who have not yet uploaded the summaries on Indian Standards allotted to them are also requested to upload the summaries in line with above directions by 11 Nov 2024.



Neha Yadav
Sc D, SCMD

Head SCMD


06/11/2024

Circulated to: All BIS Officers



Indian Standard IS 15633:2022 - Your Guide to Safe Car Tyres

When buying new tyres for your car, safety, durability, performance, and proper size selection are key concerns. You want tyres with **excellent grip**, long **tread life**, and **fuel efficiency**, ensuring your vehicle handles well in all conditions. It's also crucial to select the correct tyre size, as **mismatched tyres** can affect your **car's handling**, fuel consumption, and **safety**.

Tyres are a critical safety component of your vehicle. **Indian Standard IS 15633**, developed by the Bureau of Indian Standards (BIS), outlines the safety and performance requirements for pneumatic tyres used in passenger cars, covering both radial and diagonal ply tyres.

This standard ensures tyres can handle specific loads, speeds, and terrains without failure. Important Tests like **Tyre strength**, **Load/Speed Performance**, **Bead Unseating Resistance**, and **tyre size/dimensions** ensure that tyres can handle high speeds, rough terrains, and emergency situations without failure. This dramatically reduces the risk of tyre blowouts or detachment from the rim, keeping you and your passengers safe.

Tyres are also tested for **long-lasting performance** under various conditions. **Endurance tests** simulate long-term wear, ensuring that your tyres remain safe and functional over their lifespan, regardless of extreme conditions of use.

Tyre markings provide crucial information for selecting the right tyre. For instance, **185/70 R14 89T Tubeless** indicates the tyre's width (185 mm), aspect ratio (70%), radial-ply structure (R), rim diameter (14 inches), load capacity (89 = 580 kg), and speed rating (T = 190 km/h). **Tread Wear Indicators (TWI)** also help alert drivers when the tread is worn down to an unsafe level, reducing the risk of accidents, especially in wet conditions.

The **DPIIT Quality Control Order** mandates that all tyres sold, manufactured, or imported in India comply with IS 15633 and display the **BIS Standard Mark**, ensuring high-quality, safe tyres for Indian roads.

In summary, **IS 15633** is your assurance that the tyres you buy are safe, durable, and of high quality. Next time you purchase tyres, look for the **BIS mark** to ensure they meet these standards, giving you peace of mind for your safety and your car's performance.



IS 1165:2022 Whole Milk Powder — Specification

Milk production in our country is characterized by seasonal variations and drying of milk, an important method of preservation, facilitates later consumption during the lean season. The **dried milk** products, thus, have become an essential part of the chain between the producer and the consumer.

The Indian Standard, IS **1165:2022**, specifies requirements for the **whole milk powder**, including its production, quality, and packaging under hygienic conditions as per IS 2491. This standard aims to ensure uniformity and safety by setting clear guidelines for the properties and testing of whole milk powder. Key specifications include a minimum of 26% **milk fat** and 34% **milk protein** in non-fat solids. The powder should be free from **contaminants** like extraneous matter, vegetable fats, and added sweeteners. Moisture levels are restricted to 4% to ensure stability, while **microbiological safety** limits for 9 critical requirements are defined to control **bacteria, yeast, mold, and pathogens**. Additionally, limits for **heavy metals** like lead and arsenic, toxins like aflatoxin M1, and other contaminants like melamine are specified to mitigate **health risks**.

Packaging clause mentions requirements for retail as well as bulk packing in **airtight, food-grade containers** to preserve **quality** and prevent contamination, with mandatory labeling indicating product name, manufacturer, expiry date etc. **Testing** and sampling procedures are detailed for consistency and compliance, ensuring that products meet both **nutritional** and **safety** standards.

This sixth revision harmonizes the IS with the **Food Safety and Standards** (Food Products Standards and Food Additives) Regulations, 2011, ensuring alignment with food safety laws.