



Indian Standard IS 12425:2022 - Steeplechase Hurdles

Steeplechase hurdles are unique obstacles that runners jump over in races and need to be both safe and durable to support intense athletic use. The standard aims to ensure these hurdles meet certain **quality, safety, and performance requirements**, making them reliable for athletes and event organizers alike.

IS 12425:2022 is an Indian standard established by the Bureau of Indian Standards (BIS) specifically for steeplechase hurdles, which are used in track and field events. This standard provides specifications for the materials, design, and construction of steeplechase hurdles. According to IS 12425:2022, hurdles should be made from **strong, weather-resistant materials**, typically including metal and treated wood, to withstand outdoor use in various weather conditions without warping or deteriorating. The structure should also be **durable** enough to endure the impact from athletes without tipping over, ensuring the safety of competitors.

The standard outlines specific measurements for the **height and width** of hurdles, which must meet international athletic standards to ensure fair competition. It also mandates that the base of each hurdle is weighted appropriately to prevent shifting or moving during races, **reducing the risk** of accidents.

In addition to structure, this standard focuses on surface design and finish. Hurdles should have **smooth edges and surfaces** to minimize the risk of **injuries** if athletes come into contact with them. The standard also encourages the use of non-reflective and non-slip finishes to help runners maintain focus and footing during the race.

By adhering to IS 12425:2022, manufacturers can ensure that steeplechase hurdles are **safe, robust**, and aligned with professional standards, making them **reliable** for use in track events. For athletes and sports authorities, this standard provides assurance of a **safer, fairer** competition environment.