

Indian Standard
SPECIFICATION FOR HURDLES
(First Revision)

1. Scope — This standard prescribes requirements and test for hurdles for men's and women's events.

2. Materials

2.1 Framework

- 2.1.1 Uprights** — Metal or any other suitable material.
2.1.2 Base members — Mild steel channels, angles or tubes.
2.1.3 Counterweights — Metal or any other suitable material.
2.1.4 Cross-bars — Metal or any other suitable material.

2.2 Top Bar — Seasoned wood or any other suitable material. The wood shall be seasoned to a moisture content not exceeding 14 percent. It shall preferably be straight grained and shall be free from sapwood, knots, cracks, shakes, splits, borer holes, warp and other defects which are likely to reduce the life of top bar or affect its utility. The recommended species of timber are:

TRADE NAME	BOTANICAL NAME
aini	<i>Artocarpus hirsuta</i> Lamk.
ash	<i>Fraxinus</i> sp.
benteak	<i>Lagerstroemia lanceolata</i> Wall.
chaplash	<i>Artocarpus chaplash</i> Roxb.
deodar	<i>Cedrus deodra</i> Loudon.
dhaman	<i>Grewia tillaefolia</i> Vahl.
kail	<i>Pinus wallichiana</i> A.B. Jacks.
kokko	<i>Albizia lebbek</i>
laurel	<i>Terminalia alata</i>
sissoo	<i>Dalbergia sissoo</i> Roxb.
teak	<i>Tectong grandis</i>
white cedar	<i>Dysoxylum malabaricum</i>

3. Shape and Dimensions — Typical shape of the hurdles is shown in Fig. 1. The dimensions of the hurdles for men's and women's events shall conform to those given in Table 1 and Fig. 1.

4. Mass — The mass of the hurdles shall be as given in Table 1.

5. Manufacture, Workmanship and Finish

5.1 The framework of the hurdle shall consist of two bases and two uprights supporting a rectangular frame, reinforced by one or more cross-bars, the uprights to be fixed at the extreme end of each base.

5.2 The extreme ends of the uprights shall be flattened to a reasonable length to receive the wooden top bar which shall be fixed to the uprights by means of nuts and bolts. The bolts shall have a domed head which shall be countersunk in the top bar so as to be in level with the face of the bar. Further, it shall face the direction of running when the hurdle is placed in the field.

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