

AUTOMOTIVE INDUSTRY STANDARD

Requirements for School Buses

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THE AUTOMOTIVE RESEARCH ASSOCIATION OF INDIA

P.B. NO. 832, PUNE 412 004

ON BEHALF OF:

AUTOMOTIVE INDUSTRY STANDARDS COMMITTEE

UNDER

CENTRAL MOTOR VEHICLE RULES - TECHNICAL STANDING COMMITTEE

SET-UP BY

MINISTRY OF SHIPPING, ROAD TRANSPORT & HIGHWAYS

(DEPARTMENT OF ROAD TRANSPORT & HIGHWAYS)

GOVERNMENT OF INDIA

June 2005

AMENDMENT NO. 1: 2010
TO
AIS-063: 2005 Requirements for School Buses

1. Page 1/ 6, cl. 1.0, Scope:

Substitute following scope for existing scope:

1.0 SCOPE This standard lays down special requirements for school buses over and above the requirements laid for buses in "AIS: 052- Code of Practice for Bus Body Design and Approval". The standard shall apply to buses with a seating capacity of 13 passengers and above excluding driver meant for transporting school children to and from school. These additional requirements are being laid down for the following reasons.

- (i) To maximize safety and minimize severity of injuries.
- (ii) To take care of specific needs related to school going children.

2. Page 1/6, cl. 3.1.2:

Substitute following text for existing text:

3.1.2 Insignia Location

The 'school bus insignia' shall have a dimension of 350 x 350 mm and a back drop of golden yellow colour with the symbol in black colour. The template drawn to 1:2 scale is shown in Figure 1. This shall be provided on the outer surface of the bus in a visible location on the front and the rear.

In case, if it is not possible to accommodate insignia of size 350 x 350 mm, size can be reduced to 200 x 200 mm.

3. Page 2/6, cl. 3.2.1:

Substitute following text for existing text:

3.2.1 Position and Number of Emergency Exits: All school buses other than mini & midi, shall have an emergency exit on the opposite side of the service door. In addition, there shall be an emergency exit on the rear side of the bus. However, in case of mini & midi school buses, there shall be a minimum of one emergency exit and same shall be situated either on the opposite side of the service door or at the rear side of the bus. The lower edge of the emergency door shall be at the level of the bus floor and top edge shall be at the level of window upper edge.

4. Page 2/6, cl. 3.2.2:

Substitute following text for existing text:

3.2.2 **Passenger Safety:** Whenever the bus passenger door or emergency-Exit/door opens, the driver of the bus must get the indication of the same through a buzzer. The emergency doors shall be kept closed in the normal condition.

5. Page 2/6, cl. 3.3:

Substitute following text for existing text:

3.3 **Vehicle Entry:** The lowest footstep height shall not be more than 300 mm from the ground and the vehicle may be provided with folding or retracting steps and if provided, vehicle shall be incapable of motion without folding or retracting the steps.

6. Page 2/6, cl. 3.4.1.1:

Substitute following text for existing text:

3.4.1.1 All parts in 'Critical Safety Zone' shall have a radius of not less than 25 mm. Also, buses shall meet the requirements of interior fittings as specified in AIS-047 as amended from time to time.

Note: Critical Safety Zone is the vertical plane of height 400 mm and width 300 mm. The lower edge of rectangle is at height of 200 mm from seat top and centralized about each passenger body axis. (Refer Figure 2)

7. Page 2/6, cl. 3.4.2.1:

Substitute following text for existing text:

3.4.2.1 Storage racks of 300 mm minimum depth to be provided beneath all passenger seats, except the seats mounted above rear tyre hump and last row of seat.

8. Page 2/6, cl. 3.4.3:

Substitute following text for existing text:

3.4.3 **Seat Layout:** All seats should be forward facing except in the case of seats facing the passenger step well, which should not face the door. Alternatively a partition which prevents the child from falling into the step well shall be provided. However, this requirement of partition shall not be applicable to buses in which passenger step well does not exist.

9. Page 2/6 Add following new clause 3.4.4 after clause 3.4.3:

3.4.4 Seat Dimensions: Every seating position for school children shall be at least 265 mm in width and 350 mm in depth.

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