

Bus Body Code Vehicle & Syetm Level Tests

Sr. No.	Tests	Applicable Category	CMV Rule No.	Reference Standard	Reference GSR/SO No. and Date
VEHICLE EVALUATION LAB TESTS					
1	CMVR physical verifications	All	93 to 125	CMVR, 1989	
2	Overall Dimension of Motor Vehicles	All	93 (1)(A), (1)(B),(2) & (3)	ARAI Procedure	414(E) dt. 26.06.2020 435 (E) dt. 18.06.2021 w.e.f. 18.06.2021
3	Vehicle weighment	All	95	IS : 11825:1986	
4	External projection test	All	124(11)	IS : 13942-1994	1365(E)Dt.13.12.2004 w.e.f. 13.12.2004
5	Interior noise test	All	124 (40)	IS:12832:2010	411(E)Dt. 09.02.2016 w.e.f. 01.10.2016
6	Requirements of Bus Body Code (Applicable for Seating Capacity 13+D & onwards)	All	125 C (1)	AIS:052 (Revision 1)-2008	287(E)22.04.2014 1140(E)30.04.2015 w.e.f. 01.08.2005
7	Requirements for School Buses	All	125 C (2)	AIS-063:2005	594(E)13.06.2016 w.e.f. 13.06.2016
8	Requirements for Sleeper Coach Buses	All	125 C (5)	AIS-119 (Rev.1):2016	905(E) Dt.23.09.2016 w.e.f. 23.09.2016
9	Requirements for Double Decked Coach Buses	All	125 C (6)	AIS-139:2016	240(E)14.03.2017 w.e.f. 14.03.2017
10	Requirements of additional Safety Features for Buses (Applicable for Seating Capacity 23+D & onwards)	All	(1), (2) & 7A	AIS 153	337(E)28.04.2023 w.e.f. 01.10.2023
11	Seat Anchorages & Dimensional Measurement as per AIS 023 per Occupancy - per Design	All	125 (1) & (6)	AIS:023:2005	589(E)Dt.16.09.2005 w.e.f. 01.10.2007
SAFETY AND HOMOLOGATION LAB TESTS					
12	Windscreen wiping system	All	(1) & (2)(ii)	IS:15802-2008	291(E)24.04.14 w.e.f. 01.10.2014
13	Horn Installation	All	119(1)(2)	IS:15796-2008	291(E)24.04.14 w.e.f. 01.10.2014
14	Rear View Mirror Installation (Devices for Indirect Vision)	All	125(2)1-C	AIS-002 (Part-1) (Rev. 2): 2023	38(E)Dt.15.01.24 w.e.f. 15.01.2025
15	Installation requirements for Lighting & Signalling devices (including Head Lamp Levelling Device test)	All	124(20)	AIS-008 (Rev. 1)-2010	436(E)Dt.15.03.2012 w.e.f. 01.10.2012
16	Bus Window Retention	All	124(1) (12)	IS 13944-1994	1365(E)Dt.13.12.2004 w.e.f.13.12.2004

17	Hand hold	All	124 (1) (42)	AIS:046-2005	1431(E)02.08.2007 w.e.f.01.04.2008
18	Fitment of Reflective tape	All	1041), (4) & (5)	AIS:090-2005	784(E)12.11.08 w.e.f.01.10.2009
19	Fire Detection Alarm System & Suppression System	All except BoV	125 (7)	AIS 135	337(E)28.04.2023 w.e.f. 01.10.2023
20	Fire Alarm System and Protection System (Passenger Compartment) For Type III and School Buses only	All except BoV	(1), (2) & 7A	AIS 135	337(E)28.04.2023 w.e.f. 01.10.2023
21	Flammability requirements for Interiors (For 22 seater above)	All	125 C	AIS 052	-
22	Interior fitting test	All	124(1) (38)	AIS:047-2009	2714(E)Dt. 04.11.2010 w.e.f. 01.04.2012
ENGINEERING DESIGN & SIMULATION					
23	Strength of superstructure of passenger vehicles (For Type II, III, Sleeper and Double Decker with seating capacity 23+D & onwards)	All	125 C	AIS:031/2004	1129(E)Dt.12.07.2007 W.e.f. 01.10.2008
24	Stability angle determination	All	125 C	AIS:052 (Revision 1)- 2008	1095(E)Dt.28.11.2016 W.e.f. 01.04.2018
25	Rear Under run protection device	All	124(1-A)	IS:14812-2005	1095(E)Dt.28.11.2016 W.e.f. 01.04.2018
26	Vehicle lateral protection device (by CAE method)	All	124(1-A)	IS:14682-2004	291(E) Dt.24.04.2014 w.e.f. 01.10.2014
27	Vehicle Natural Frequency Determination (Applicable for Seating Capacity 23+D & onwards)	All	125 C	AIS 153	-
28	Wheel chair anchorage (For Type I buses)	All	125 C	AIS 153	-
NOISE, VIBRATION & HARSHNESS LAB					
29	NVH Evaluation of the Buses (Applicable for Seating Capacity 23+D & onwards)	All	125 C	AIS 153	-