

2 Wheeler (Petrol / Diesel)

CMVR Type Approval - Vehicle level Tests

Sr. No.	Tests	CMV Rule No.	Reference Standard
1	Photographs	---	ARAI Procedure
2	Vehicle weighment	95	IS : 11825
3	CMVR physical verification	93 to 125	CMVR, 1989
4	Coast down test (<i>manufacturers option</i>)	115	ARAI Procedure
5	Brake test (Moped, Motorcycle & Scooter)	96 (4)	IS : 14664
6	Speedometer calibration	117 (1) (2)	IS : 11827
7	Pass by noise measurement	120 (2)	IS : 3028
8	Tell-Tales and Indicators	124 (18)	AIS : 071(Part-1,2)
9	Gradeability	124 (23)	AIS : 003
10	Horn Installation	119(1)	AIS : 014
11	Rear View Mirror Installation	125(2)	AIS : 002
12	Installation requirements for Lighting & Signaling devices	124(24)	AIS : 009
13	Mass emission test (BSIII) (for petrol/diesel veh.)	115	MOST/CMVR/TAP-115/116
	Mass emission test (BSIII) (only for petrol veh.)	GSR 515 E	(UN ECE) (GTR)-2 Amd 2 & (WMTC) Procedure
14	Electromagnetic radiation from motor vehicle	124 (21) (i)	AIS :004 (Part 1)
15	Electromagnetic compatibility of motor vehicle (1st oct 2013)	124 (21) (ii)	AIS-004 (Part 3)
16	Engine FTP test (<i>engine CC > 200</i>)	*	MoSRTTH/CMVR/TAP-115/116
17	Pillion hand hold test	123	IS 14495
18	Protective Device against unauthorised use	124 (44)	AIS : 074
19	Definitions (Classification of the Vehicle) – L2	GSR 784 2 (ii)	AIS : 053
20	Vehicle identification number including month and year of manufacture	122(1)	AIS : 065
21	Spray Suppression system	124 (48)	AIS : 103

Note :

*	Notification RT-11036/16/97-MVL dated 17-06-97
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2 Wheeler (petrol/diesel) safety component level tests

Sr. No.	Tests	CMV Rule No.	Reference Standard
1	Size and Ply rating of tyres	95 (1)	IS:15627 & AIS : 037
2	Reflector	104 (4)	AIS : 057
3	Horn	119 (1)	IS : 1884 & AIS : 037
4	Automotive lamps (bulbs) (Single/ Double Filament)	124 (1)	AIS : 034
5	Hydraulic brake hose <i>(if applicable)</i>	124 (2)	IS : 7079 & AIS : 037
6	Hydraulic brake fluid <i>(if applicable)</i>	124 (3)	IS : 8654
7	Control cable <i>(engine CC < 50)</i>	124 (9)	IS : 10791
8	Performance requirements for Lighting & Signalling devices	124 (32)	AIS : 010 & AIS : 037
	Head lamp assembly (Glass lense) / (Plastic lense)	124 (32)	AIS : 010 & AIS : 037
	Front / Rear Direction Indicator lamp assembly	124 (32)	AIS : 010 & AIS : 037
	Front Parking lamp assembly	124 (32)	AIS : 010 & AIS : 037
	Rear Registration Plate Lamp Assembly	124 (32)	AIS : 010 & AIS : 037
	Rear Combination Lamp Assembly (with Stop/Tail, Direction Indicator lamps, Number plate lamp)	124 (32)	AIS : 010 & AIS : 037
9	Rear View Mirror Specifications	125(2)	AIS : 001 & AIS : 037
10	Wheel rims	124 (43)	AIS:073
11	Fuel tank	124(25)	IS : 14681
	Metallic	124(25)	IS : 14681
	Plastic	124(25)	IS : 14681
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