

MOTOR VEHICLE REQUIREMENT STANDARDS

NO	SUB SUBJECT	STANDARDS
1.	Brake minimum efficiency % a. Service brake Passenger, Cargo car and Bus 1. GVW \leq 3500 Kg 2. GVW $>$ 3500 Kg b. Parking brake 1. Rigid Vehicle 2. Trailer combination	 60 % 50 % 16% gradient (up grade or down grade) 12% gradient (up grade or down grade)
2.	Side slip (m / km)	-5 to +5
3.	Horn (dBA)	90
4.	Overall Noise max (dBA)	115
5.	Main lamp min (cd) light alignment	12000 Up : $<$ 0 Down : $<$ 2/100 Left : $<$ 2/100 Right : $<$ 2/100 R Lamp $<$ 1/100 L Lamp
6.	Min turning radius, max (m)	12
7.	Elevation of speedometer (%)	-10 to +15
8.	Exhaust Emission (Smoke)	$<$ 50% Bosch unit
9.	Depth of groove of tyre min (mm)	1 mm

MOTOR VEHICLE REQUIREMENT ON AXLE LOAD, WEIGHT & DIMENSION

NO	SUB SUBJECT	STANDARDS
1.	Axle load Axle load maximum	10000 Kg
2.	Vehicle weight (a) Truck with 2 axles (b) Truck with 3 axles (c) Truck with 4 axles (d) Articulated Truck (max)	16000 Kg 21000 Kg 25000 Kg 38000 Kg
3.	Dimension (a) Overall Length (max) (b) Overall Width (max) (c) Overall Height (max) normal vehicle container carrier	12.2 m 2.5 m 3.66 m 4.6 m
4.	Rear overhang	60% of Wheelbase