

Summary of Traffic Act

Permissible maximum axle unit massloads

Single Axle (steering) - Singles	7 700 kg
Single Axle - Singles	8 000 kg
Single Axle - Dual tyres (4 Tyres)	9 000 kg
Tandem Axle unit - Single Tyres	16 000 kg
Tandem Axle unit - Dual Tyres	18 000 kg
Tridem Axle unit - Singles or Duals	24 000 kg

Other Restrictions

- (a) Maximum Permissible Combination Mass 56 000 kg
- (b) Bridge formula:
(2100 X [measured in metres and tenths of a metre from the centre of the first axle of any group of axles to the centre of the last axle of such group]) + 18000 kg
- (c) All vehicles to be plated showing maximum design and maximum legal (permitted) loads.
- (d) Vehicle or combination mass in kg not to exceed nett engine power in kilowatts x 240.
- (e) Minimum 20 % of GCM on driving axle/s (laden or unladen condition).
- (f) The load on the steering axles may not be less than :
- (i) 11 % of the gross mass in the case of articulated vehicle.
 - (ii) 20 % of the gross mass if the vehicle is not an articulated vehicle.
 - (iii) 30 % of the gross mass if the vehicle is fitted with a steering axle unit.
- (g) A combination is limited to a drawing vehicle and one or two trailers (a converter dolly shall, when used in combination with a semi-trailer, be deemed not to be a trailer).

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	Maximum	Regulation		Maximum	Regulation
Overall Length			Load Projections		
Trailer with one axle or one axle unit	11.3 m	221 (b) (i)	Load projection must not be confused with overhang. Overhang is part of the vehicle, whereas projection is part of the load which extends beyond the front end and/or rear end of the vehicle.		
Trailer with two axles or one or more axle units	12.5 m	221 (c)			
Any other vehicle	12.5 m	221 (f)			
An articulate motor vehicle	18.5 m	221 (d)			
Combination of vehicles	22.0 m	221 (g)		Maximum load projections are:	
Overall Width			Side Load Projection		
Goods vehicle, the gross vehicle mass of which does not exceed 12 000 kg	2.5 m	223 (b) & (c)	In the case of a goods vehicle which has a GVM exceeding 12 000 kg, max each	1.30m	227 (aa)
Goods vehicle, the gross vehicle mass of which exceeds 12 000 kg	2.6 m	223 (a)	side of longitudinal centre line. In the case of any goods vehicle.	1.25m	227 (bb)
Overall Height			Front Load Projection		
All goods vehicles	4.3 m	224 (b)	All goods vehicles, the projection of the load beyond the front end of the vehicle	300 mm	227 (a) (ii)
Wheelbase			or		
Semi-trailer	10.0 m		Front overhang plus front load projection must not exceed the front overhang as prescribed in Reg 227 (1)(b)		
Trailer	8.5 m				
All other goods vehicles	8.5 m				
Front Overhang			Rear Load Projection		
Semi-trailer	1.8m	226 (a) (i) or (ii)	All goods vehicles, the projection of the load beyond the rear end of the vehicle	1.80 m	227 (1) (a) (iii)
Goods vehicle, 60% of wheelbase, or:			Note: The combined length of a vehicle or combination of vehicles plus and front or rear load projection must not exceed the prescribed overall length of the vehicle or combination		
(a) if the driver's seat is not more than 1.7 m from the front end	6.2 m minus half the wheelbase				
(b) any other goods vehicle (including a trailer)	5.8 m minus half the wheelbase				
In the case of a front axle unit, the front overhang is measured from the foremost axle and not the centre of the axle unit					
Rear Overhang			Drawbar Length		
Refuse collectors, road making & road construction vehicles and farming vehicles	70% of wheelbase	226 (2) (a)	Maximum length of conventional drawbar	2.0 m	222 (2) (b)
A trailer with one axle or one axle unit (excluding a semi-trailer)	50% of body length	226 (2) (b)	The length of an underslung drawbar - the maximum drawbar length is not prescribed, but the maximum distance between the rear end of the towing vehicle and the front end of the trailer must not exceed	2.5 m	222 (2) (b)
Any goods vehicle The rear overhang is measured from the rear most axle	60% of wheelbase	226 (2) (c)			

Restriction on Combination of Motor Vehicles

- (a) Regulation 222 (1) - A combination of motor vehicles may consist of:
- (i) A truck drawing two drawbar trailers;
 - (ii) A truck-tractor drawing a semi-trailer and a drawbar trailer;
 - (iii) A Truck-tractor and two semi-trailers (an interlink)