

# **Specification of Maximum Gross Vehicle Weight and Maximum Safe Axle Weight**

UNION OF INDIA

India

## **Specification of Maximum Gross Vehicle Weight and Maximum Safe Axle Weight**

### **Rule**

### **SPECIFICATION-OF-MAXIMUM-GROSS-VEHICLE-WEIGHT-AND-MAXI of 1996**

- Published on 18 October 1996
- Commenced on 18 October 1996
- [This is the version of this document from 18 October 1996.]
- [Note: The original publication document is not available and this content could not be verified.]

Specification of Maximum Gross Vehicle Weight and Maximum Safe Axle WeightPublished Vide  
Notification No. S.O. 728(E), dated 18.10.1996.

### **17.**

/764S.O. 416(E), dated 8-6-1989-Superseded by S.O. 479(E), dated 4-7-1996S.O. 681(E), dated  
30-8-1989 in partial modification of S.O. 416(E), dated 8-6-1989-Superseded by S.O. 479(E), dated  
4-7-1996S.O. 479(E), dated 4-7-1996-Superseded by S.O.728(E), dated 18-10-1996

### **1.**

In exercise of the powers conferred by sub-section (1) of section 58 of the Motor Vehicles Act, 1988 (59 of 1988) and in supersession of the notification of the Government of India in the Ministry of Surface Transport S.O. No. 479 (E), dated the 4th July, 1996, the Central Government hereby specifies that in relation to the transport vehicles (other than motor cabs) of various categories detailed in the Schedule below, the maximum gross vehicle weight and the maximum safe axle weight of each axle of such vehicles shall, having regard to the size, nature and number of tyres and maximum weight permitted to be carried by the tyres as per rule 95 of the Central Motor Vehicles Rules, 1989, be(i)vehicle manufacturers rating of the gross vehicle weight and axle weight respectively for each make and model as duly certified by the testing agencies for compliance of rule 126 of the Central Motor Vehicles Rules, 1989, or(ii)the maximum gross vehicle weight and the maximum safe axle weight of each vehicle respectively as specified in the Schedule below for the

relevant category, or (iii) the maximum load permitted to be carried by the tyre(s) as specified in the rule 95 of the Central Motor Vehicles Rules, 1989, for the size and number of the tyres fitted on the axle (s) of the relevant make and model, whichever is less: Provided that the maximum gross vehicle weight in respect of all such transport vehicles, including multi-axle vehicles shall not be more than the sum total of all the maximum safe axle weight put together subject to the restrictions, if any, on the maximum gross vehicle weight given in the said Schedule.

#### SCHEDULE

Transport Vehicles Category	Max GVW Tonnes	Maximum Safe Axle Weight	
1	2	3	4
I Rigid Vehicles			
(i)	Two Axle One tyre on front axle, and Two tyres on rear axle,	9.00	3 tonnes on front axle 6 tonnes on rear axle
(ii)	Two Axle Two tyres on each axle	12.0	6 tonnes on front axle 6 tonnes on rear axle
(iii)	Two Axle Two tyres on front axle, and Four tyres on rear axle	16.2	6 tonnes on front axle 10.2 tonnes on rear axle
(iv)	Three Axle Two tyres on front axle, and Eight tyres on rear tandem axle	25.0	6 tonnes on front axle 19 tonnes on rear tandem axle
(v) [ [Inserted by S.O. 732(E), dated 8.9.1999 (w.e.f. 8.9.1999). ]	[Four Axle [Inserted by S.O. 732(E), dated 8.9.1999 (w.e.f. 8.9.1999). ] [Four tyres on front axle, and [Inserted by S.O. 732(E), dated 8.9.1999 (w.e.f. 8.9.1999). ] [Eight tyres on rear tandem axle [Inserted by S.O. 732(E), dated 8.9.1999 (w.e.f. 8.9.1999). ]	31. [o [Inserted by S.O. 732(E), dated 8.9.1999 (w.e.f. 8.9.1999). ]	[12 tonnes on two front axle [Inserted by S.O. 732(E), dated 8.9.1999 (w.e.f. 8.9.1999). ] [19 tonnes on rear tandem axle] [Inserted by S.O. 732(E), dated 8.9.1999 (w.e.f. 8.9.1999). ]

## II Semi-Articulated Vehicles

(i)	Two Axle Tractor	26.4	
	Single Axle Trailer		
	Tractor:		
	2 tyres on front axle		6 tonnes on front axle
(ii)	4 tyres on rear axle	35.2	10.2 tonnes on rear axle
	Trailer:		
	4 tyres on single axle		10.2 tonnes on single trailer axle
	Two Axle Tractor		
(iii)	Tandem Axle Trailer	40.2	
	Tractor:		
	2 tyres on front axle		6 tonnes on front axle
	4 tyres on rear axle		10.2 tonnes on rear axle
(iv)	Trailer:	35.2	
	8 tyres on tandem axle		19 tonnes on tandem axle
	Two Axle Tractor		
	Three Axle Trailer		
(v)	Tractor:	44.0	
	2 tyres on front axle		6 tonnes on front axle
	4 tyres on rear axle		10.2 tonnes on rear axle
	Trailer:		
(vi)	12 tyres on 3 axles	35.2	24 tonnes on 3 axles
	Three Axle Tractor		
	Single Axle Trailer		
	Tractor:		
(vii)	2 tyres on front axle	35.2	6 tonnes on front axle
	8 tyres on rear axle		19 tonnes on rear axle
	Trailer:		
	8 tyres on single axle		10.2 tonnes on single axle
(viii)	Three Axle Tractor	44.0	
	Tandem Axle Trailer		
	Tractor:		
	2 tyres on front axle		6 tonnes on front axle
(ix)	8 tyres on tandem axle	44.0	19 tonnes on rear tandem axle

III Truck-Trailer Combinations	Trailer:		
	8 tyres on tandem axle		19 tonnes on tandem axle
	(i) Two Axle Truck		
	Two Axle Trailer		
(ii)	Truck:		
	2 tyres on front axle		6 tonnes on front axle
	4 tyres on rear axle		10.2 tonnes on rear axle
	Trailer:		
	4 tyres on front axle		10.2 tonnes on front axle
	4 tyres on rear axle		10.2 tonnes on front axle
	Three Axle Truck	45.4	
	Two Axle Trailer	(restricted to 44.0 tonnes)	
	Truck:		
	2 tyres on front axle		6 tonnes on front axle
(iii)	8 tyres on rear tandem axle		19 tonnes on rear tandem axle
	Trailer:		
	4 tyres on front axle		10.2 tonnes on front axle
	4 tyres on rear axle		10.2 tonnes on rear axle
	Three Axle Truck	45.4	
	Three Axle Trailer	(restricted to 44.0 tonnes)	
	Truck:		
	2 tyres on front axle		6 tonnes on front axle
	4 tyres on rear axle		10.2 tonnes on rear axle
	Trailer:		
(iv)	4 tyres on rear axle		6 tonnes on front axle
	Trailer:		
	4 tyres on rear axle		10.2 tonnes on front axle
	8 tyres on rear tandem axle		19.0 tonnes on rear tandem axle
	Three Axle Truck	54.2	
	Three Axle Trailer	(restricted to 44.0 tonnes)	
	Truck:		

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2 tyres on front axle  
8 tyres on rear tandem  
axle

6 tonnes on front axle  
19 tonnes on rear  
tandem axle

Trailer:

4 tyres on front axle  
8 tyres on rear tandem  
axle

10.2 tonnes on front axle  
19.0 tonnes on rear  
tandem axle