

No. RT11028/11/2017-MVL
Government of India
Ministry of Road Transport & Highways
(Transport Division)
Transport Bhawan, 1, Parliament Street, New Delhi - 110001

Dated, the 18th of July, 2018

To

- (i) The Chief Secretaries of All States and Administrators of UTs;
- (ii) Director Generals Police of all States/Union Territories;
- (iii) Principal Secretaries/ Secretaries (Transport) of all States/ UTs;
- (iv) Transport Commissioners of all States/ UTs.

Subject: Revision of Safe Axle Weights for Transport Vehicles and enforcement thereof.

Sir,

The permissible safe axle weights of goods vehicles were last notified in the year 1983. Over the years, significant improvements have taken place in tyre technology, vehicle design, pavement design etc. The global axle weight norms are higher as compared to the existing Indian norms. The lower axle weight has often been cited as one of the major factors responsible for high logistics cost in India and incidence of overloading. The issue of revision of axle weight was also raised in the Meeting of the Group of Transport Ministers of the States, who recommended to increase the permissible axle weight of transport vehicles.

2. The issue has been examined in the Ministry and the revised maximum safe permissible axle weight for Transport vehicles have been notified by the Ministry vide S.O. 3467E on 16th July, 2018. A copy of the notification is enclosed at **Annexure 'A'**. This notification supersedes the earlier notification dated S.O. 728(E) dated 18th October, 1996.

3. The above notification specifies the maximum permissible weight for different configurations of the axles. In order to clarify its impact on the gross vehicle weight (GVW) on vehicles with different axle combinations, an illustrative table has been prepared as a guideline for enforcement agencies. This is enclosed as **Annexure 'B'** for ready reference. It may be noted that any combination of axles in trucks, tractors and trailers would be permissible subject to overall GVW limits and approval process as per CMVR. No separate notification would be required for individual axle combination.

4. It may further be noted that the modular hydraulic trailers may be permitted to carry single indivisible loads of higher values (in terms of dimensions and weight) provided appropriate number of axle row modules are provided and route permissions are taken from the authorities having jurisdiction over area of movement.

5. With the revised permissible weight for the transport vehicles, the state enforcement Authorities are requested to rigorously enforce the regulations and take strict action against overloading by goods vehicles on roads and ensure that such vehicles are stopped and made to unload the excess load before being allowed to proceed further, in addition to levy of penalties under section 194 of the Motor Vehicles Act, 1988.

Yours faithfully


(Priyank Bharti)
Director (MVL)



भारत का राजपत्र The Gazette of India

असाधारण

EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (ii)

PART II—Section 3—Sub-section (ii)

प्राधिकार से प्रकाशित

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सड़क परिवहन और राजमार्ग मंत्रालय

अधिसूचना

नई दिल्ली, 16 जुलाई, 2018

का.आ. 3467(अ).—केन्द्रीय सरकार, मोटर यान अधिनियम, 1988 (1988 का 59) की धारा 58 की उप-धारा (1) द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए तथा भारत सरकार के तत्कालीन जल-भूतल परिवहन मंत्रालय (परिवहन स्कंध) की दिनांक 18 अक्टूबर, 1996 की अधिसूचना संख्यांक का.आ. 728(अ) का अधिकरण करते हुए टायरों के आकार, प्रकृति और संख्या को ध्यान में रखते हुए, परिवहन यानों (मोटर कैबों को छोड़कर) के संबंध में प्रत्येक प्रकार की धुरी के अधिकतम सुरक्षा धुरी भार को निम्नानुसार अधिसूचित करती है, अर्थात् :-

अधिकतम सुरक्षित धुरी भार		
क्रम सं.	धुरी का प्रकार	अधिकतम सुरक्षित धुरी भार
1.	एक धुरी	
1.1	एक टायर के साथ एक धुरी	3.0 टन
1.2	दो टायर के साथ एक धुरी	7.5 टन
1.3	चार टायर के साथ एक धुरी	11.5 टन*
2.	टेंडम धुरियों (दो धुरियों) (जहाँ दो धुरियों के बीच की दूरी 1.8 मीटर से कम है)	
2.1	दृढ़ यानों के लिए टेंडम धुरी, ट्रेलर्स और अर्ध-ट्रेलर्स	21 टन*
2.2	हाईड्रॉलिक और न्यूमेटिक ट्रेलर्स के लिए पूलर ट्रैक्टर्स के लिए टेंडम धुरी	28.5 टन
3.	तीन धुरियों (तीन धुरियों) (जहाँ बाहरी धुरियों के बीच की दूरी 3 मीटर से कम है)	
3.1	तीन धुरियों के दृढ़ यानों, ट्रेलर्स और अर्ध-ट्रेलर्स	27 टन*
4.	धुरी पंक्ति के साथ (दो धुरियों प्रत्येक चार टायर) मॉड्यूलर हाईड्रॉलिक ट्रेलर्स में (एक धुरी के लिए 9 टन भार अनुज्ञेय)	18 टन
*टिप्पण : यदि वाहन में न्यूमेटिक सस्पेंशन सज्जित है तो प्रत्येक धुरी पर 1 टन अतिरिक्त भार अनुज्ञेय होगा।		

2. सकल वाहन भार (जीवीडब्लू) उपरोक्त के अनुसार स्वीकार्य सुरक्षित धुरी भार की कुल योग से अधिक नहीं होगा और किसी भी मामले में इससे अधिक नहीं होगा :—

(i) दृढ़ वाहनों के मामले में 49 टन, और

(ii) मॉड्यूलर हाइड्रोलिक ट्रेलरों को छोड़कर अर्ध आर्टिकुलेटेड ट्रेलरों और ट्रक ट्रेलरों के मामले में 55 टन।

3. मॉड्यूलर हाइड्रोलिक ट्रेलर किसी भी भार की अविभाज्य प्रकृति के सामान को नियामक अनुमोदन के अधीन वहन कर सकते हैं।

स्पष्टीकरण :— इस अधिसूचना के प्रयोजनों के लिए, मोटर वाहन अधिनियम, 1988 (1988 का 59) की धारा 113 की उपधारा (3) के अनुपालन के उद्देश्य के लिए सकल वाहन भार में पाँच प्रतिशत तक सहन अनुज्ञेय है।

[फा. सं. आर.टी.—11028/11/2017—एम.वी.एल.]

अभय दामले, संयुक्त सचिव

MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

NOTIFICATION

New Delhi, the 16th July, 2018

S.O. 3467(E).—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 erstwhile Ministry of Surface Transport (Transport Wing), number S.O. 728(E) dated the 18th October, 1996, the Central Government hereby notifies the maximum safe axle weight of each axle type in relation to the transport vehicles (other than motor cabs), having regard to the size, nature and number of tyres, as under :—

Maximum Safe Axle Weight		
Sl. No.	Axle Type	Maximum Safe Axle Weight
1.	Single Axle	
1.1	Single Axle with single Tyre	3.0 tonnes
1.2	Single Axle with two Tyres	7.5 tonnes
1.3	Single Axle with four Tyres	11.5 tonnes*
2.	Tandem Axles (Two axles) (where the distance between two axles is less than 1.8 Mtr.)	
2.1	Tandem axle for rigid vehicles, trailers and semi-trailers	21 tonnes*
2.2	Tandem axle for Puller tractors for hydraulic and pneumatic trailers	28.5 tonnes
3.	Tri-axles (Three axles) (where the distance between outer axles is less than 3 Mtr.)	
3.1	Tri-axle for rigid vehicles, trailers and semi-trailers	27 tonnes*
4.	Axle Row (two axles with four tyres each) in Modular Hydraulic trailers (9 tonnes load shall be permissible for single axle)	18 tonnes

* **Note:** If the vehicle is fitted with pneumatic suspension, 1 tonne extra load is permitted for each axle.

2. The gross vehicle weight (GVW) shall not exceed the total permissible safe axle weight as above and in no case shall exceed—

(i) 49 tonnes in case of rigid vehicles; and

(ii) 55 tonnes in case of semi-articulated trailers and truck-trailers except modular hydraulic trailers.

3. Modular hydraulic trailers can carry goods of indivisible nature of any load subject to the regulatory approvals as may be required.

Explanation .- For the purposes of this notification, tolerance upto five per cent. in the gross vehicle weight shall be allowed for the purpose of compliance to sub-section (3) of section 113 of the Motor Vehicles Act, 1988 (59 of 1988).

[F. No. RT-11028/11/2017-MVL]

ABHAY DAMLE, Jt. Secy.

No. RT11028/11/2017-MVL
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Annexure- "B"

Revised Safe Axle Load limits for Transport Vehicles										
Sr No	Type of Vehicle	Axle Combination on Tractor	Axle Combination on Trailer	No of Axles	Single Axles	Tandem Axle	Dual Axles	Tridem Axle	Permissible GVW	Remarks
1	Two Axle Rigid Truck	Two tyres on front axle and four tyres on rear axle	-	2	1	0	1	0	19	
2	Three Axle Rigid Truck	Two tyres on front axle and eight tyres on rear tandem (two) axle	-	3	1	1	0	0	28.5	
3	Four Axle Rigid Truck	Two tyres each on two axles and eight tyres on one tandem (two) axle	-	4	2	1	0	0	36	
4	Five Axle Rigid Truck	Two tyres each on three axles and eight tyres on one tandem (two) axle	-	5	3	1	0	0	43.5	
5	Five Axle Rigid Truck	Two tyres each on two axles, four tyres on one axle and eight tyres on one tandem (two) axle	-	5	2	1	1	0	47.5	
6	Six Axle Rigid Truck	Two tyres each on four axles and eight tyres on one tandem (two) axle	-	6	4	1	0	0	49	To be capped at 49 tonnes.
7	Tractor - semi articulated trailers	Two tyres on front axle and four tyres on rear axle	Four tyres on single axle	3	1	0	2	0	30.5	
8	Tractor - semi articulated trailers	Two tyres on front axle and four tyres on rear axle	Eight tyres on tandem (two) axle	4	1	1	1	0	40	
9	Tractor - semi articulated trailers	Two tyres on front axle and four tyres on rear axle	Twelve tyres on a tridem (three) axle	5	1	0	1	1	46	
10	Tractor - semi articulated trailers	Two tyres on front axle and eight tyres on rear tandem (two) axle	Four tyres on single axle	4	1	1	1	0	40	
11	Tractor - semi articulated trailers	Two tyres on front axle and eight tyres on rear tandem (two) axle	Eight tyres on tandem (two) axle	5	1	2	0	0	49.5	
12	Tractor - semi articulated trailers	Two tyres on front axle and eight tyres on rear tandem (two) axle	Twelve tyres on a tridem (three) axle	6	1	1	0	1	55	To be capped at 55 tonnes
13	Tractor Trailer	Two tyres on front axle and four tyres on rear axle	Eight tyres on two axles	4	1	0	3	0	42	
14	Tractor Trailer	Two tyres on front axle and eight tyres on rear tandem (two) axle	Eight tyres on two axles	5	1	1	2	0	51.5	
15	Tractor Trailer	Two tyres on front axle and four tyres on rear axle	Four tyres on single axle & Eight tyres on tandem (two) axle	5	1	1	2	0	51.5	
16	Tractor Trailer	Two tyres on front axle and eight tyres on rear tandem (two) axle	Four tyres on single axle & Eight tyres on tandem (two) axle	6	1	2	1	0	55	To be capped at 55 tonnes