

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 7<sup>th</sup> August, 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,

Reference is invited to Ministry's letter in F. No. RT11028/11/2017-MVL dated 18<sup>th</sup> July, 2018 on the above subject. After the issue of the notification dated 16<sup>th</sup> July, 2018, further discussions were held with the stake holders including OEMs and Tyre manufacturers. Based on the discussions, the Ministry has modified the above Notification on 6<sup>th</sup> August, 2018. The copies of both the notifications, and a gist of the notification after amendment, are annexed at **Annexure 'A'**.

2. As a result of amendment in the notification dated 6<sup>th</sup> August, 2018, all the vehicle models that have been type approved before 16<sup>th</sup> July 2018, shall be allowed the revised maximum safe axle weight. The Gross Vehicle weight of the vehicles shall also be revised accordingly. Transport Departments of the states may take necessary action to incorporate the revised GVW in the registration particulars of the transport vehicles.


3. All the new models, which are approved on or after 16<sup>th</sup> July 2018, shall be tested for the higher axle loads in force by the testing agencies authorised to issue type approval certificates under Rule 126 of the Central Motor Vehicles Rules, 1989.

4. 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, a revised 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.

5. 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.

6. 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)

**Copy to:**

The Chairman, NHAI with the request to communicate the contents of this advisory and the notification to all the Toll Plaza operators to be used in respect of loading of vehicles.



# 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

PUBLISHED BY AUTHORITY

सं. 3086]

नई दिल्ली, सोमवार, अगस्त 6, 2018/श्रावण 15, 1940

No. 3086]

NEW DELHI, MONDAY, AUGUST 6, 2018/SHRAVANA 15, 1940

सड़क परिवहन और राजमार्ग मंत्रालय

अधिसूचना

नई दिल्ली, 6 अगस्त, 2018

का.आ. 3881(अ).—केन्द्रीय सरकार, मोटर यान अधिनियम, 1988 (1988 का 59) की धारा 58 की उपधारा (1) द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए, भारत सरकार की अधिसूचना संख्यांक का.आ. 3467(अ), तारीख 16 जुलाई, 2018 में निम्नलिखित संशोधन करती है, अर्थात् :-

2. उक्त अधिसूचना में,—

(i) सारणी में, क्रम संख्या 1.2 और उससे संबंधित प्रविष्टियों के स्थान पर निम्नलिखित क्रम संख्यांक और प्रविष्टियाँ रखी जाएंगी, अर्थात् :-

क्रम सं.	धुरी का प्रकार	अधिकतम सुरक्षित धुरी भार
"1.1	दो टायर के साथ एक धुरी	7.0 टन"

(ii) पैरा 3 के पश्चात और स्पष्टीकरण से पहले, निम्नलिखित पैरा अंतःस्थापित किया जाएगा, अर्थात्:

"4. यानों के सकल यान भार को पुनरीक्षित करने के लिए, विद्यमान यान मॉडल के लिए पैरा 2 में विनिर्दिष्ट समग्र सीमाओं के अधीन रहते हुए, उपरोक्त अधिकतम सुरक्षित धुरी को, जो 16 जुलाई से पहले दिए गए टाइप अनुमोदन प्रमाणपत्र के अनुसार विनिर्मित है, विचार में लिया जाएगा।"

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

अभय दामले, संयुक्त सचिव

टिप्पण : मूल अधिसूचना भारत के राजपत्र, असाधारण, भाग II, खंड 3, उप-खण्ड (ii), तारीख 16 जुलाई, 2018 में का.आ. 3467(अ), तारीख 16 जुलाई, 2018 द्वारा प्रकाशित की गई थी।



## MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

## NOTIFICATION

New Delhi, the 6th August, 2018

**S.O. 3881(E).**—In exercise of the powers conferred by sub-section (1) of Section 58 of the Motor Vehicles Act, 1988 (59 of 1988), the Central Government hereby makes the following amendments in the notification of the Government of India, number S.O. 3467(E), dated the 16<sup>th</sup> July, 2018, namely:—

2. In the said notification,—

- (i) in the table, for the Sl. No. 1.2 and entries relating thereto, the following Sl. No. and entries shall be substituted, namely :-

Sl. No.	Axle Type	Maximum Safe Axle Weight
"1.2	Single Axle with two Tyres	7.0 tonnes" ;

- (ii) After paragraph number 3 and before the explanation, the following paragraph shall be inserted, namely:

"4. The above maximum safe axle weight shall be considered for revising the Gross Vehicle Weight of the vehicles, subject to overall limits specified in paragraph 2 for the existing vehicle models, that are manufactured in accordance with the type approval certificate granted prior to 16<sup>th</sup> July, 2018."

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

ABHAY DAMLE, Jt. Secy.

**Note :** Principal notification was published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (ii), dated 16th July, 2018 vide S.O. 3467(E), dated 16th July, 2018.

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SUKUL

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असाधारण

EXTRAORDINARY

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PART II—Section 3—Sub-section (ii)

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

सं. 2696]

नई दिल्ली, सोमवार, जुलाई 16, 2018/आषाढ़ 25, 1940

No. 2696]

NEW DELHI, MONDAY, JULY 16, 2018/ASHADHA 25, 1940

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.	टैंडम धुरियाँ (दो धुरियाँ) (जहाँ दो धुरियों के बीच की दूरी 1.8 मीटर से कम है)	
2.1	दृढ़ यानों के लिए टैंडम धुरी, ट्रेलर्स और अर्ध-ट्रेलर्स	21 टन*
2.2	हाईड्रॉलिक और न्यूमेटिक ट्रेलर्स के लिए पूलर ट्रैक्टर के लिए टैंडम धुरी	28.5 टन
3.	तीन धुरियाँ (तीन धुरियाँ) (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 धुरियाँ प्रत्येक चार टायर) मॉड्यूलर हाईड्रॉलिक ट्रेलरों 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 18<sup>th</sup> 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.	<b>Single Axle</b>	
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.	<b>Tandem Axles (Two axles) (where the distance between two axles is less than 1.8 Mtr.)</b>	
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.	<b>Tri-axles (Three axles) (where the distance between outer axles is less than 3 Mtr.)</b>	
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  
Government of India  
Ministry of Road Transport & Highways  
(Transport Division)  
Transport Bhawan, 1, Parliament Street, New Delhi - 110001

**The gist of the notification dated 16<sup>th</sup> July, 2018, as amended by notification dated 6<sup>th</sup> August, 2018**

The Ministry of Road Transport and Highways issued S.O. 3467 (E) dated 16<sup>th</sup> July 2018 in supersession of the earlier notification of the Government of India in the erstwhile Ministry of Surface Transport (Transport Wing), S.O. 728 (E), dated the 18<sup>th</sup> October, 1996, notifying 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. The Ministry further issued a notification S.O. 3881 (E) dated 6<sup>th</sup> August 2018 making some amendments in the notification issued on 16<sup>th</sup> of July 2018. Briefly the resultant effect of the two amendments, dated 16<sup>th</sup> July 2018 and 6<sup>th</sup> August 2018 is as under: -

Maximum Safe Axle Weight		
Sr. No.	Axle Type	Maximum Safe Axle Weight
1.	<b>Single Axle</b>	
1.1	Single Axle with single Tyre	3.0 tonnes
1.2	Single Axle with two Tyres	7.0 tonnes**
1.3	Single axle with four Tyres	11.5* tonnes
2.	<b>Tandem axles (Two axles) (where the distance between two axles is less than 1.8 m)</b>	
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.	<b>Tri - axles (Three axles) (where the distance between outer axles is less than 3 m)</b>	
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
<b>* Note:</b> 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.

\*\*4. The above maximum safe axle weight shall be considered for revising the Gross Vehicle Weight of the vehicles, subject to overall limits specified in paragraph 2 for the existing vehicle models, that are manufactured in accordance with the type approval certificate granted prior to 16<sup>th</sup> July, 2018.

**Explanation-** For the purposes of this notification, tolerance up to five percent in the gross vehicle weight shall be allowed for the purpose of compliance to sub- section (3) of Section 113 of the Motor Vehicle Act, 1988(59 of 1988).

\*\* As modified by S.O. 3881 (E) dt. 6<sup>th</sup> August, 2018.



**Government of India**  
**Ministry of Road Transport & Highways**  
**(Transport Division)**

Transport Bhawan, 1, Parliament Street, New Delhi - 110001

**Impact Analysis of increase in Safe Axle Load limits for Goods 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			2	1	0	1	0	18.5	
2	Three Rigid Truck			3	1	1	0	0	28	
3	Four Axle Rigid Truck			4	2	1	0	0	35	
4	Five Axle Rigid Truck			5	3	1	0	0	42	
5	Five Axle Rigid Truck			5	2	0	0	1	41	
6	Five Axle Rigid Truck			5	2	1	1	0	46.5	
7	Six Axle Rigid Truck			6	4	1	0	0	49	
8	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	
9	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	39.5	
10	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	45.5	
11	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	39.5	
12	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	
13	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	
14	Tractor Trailer	Two tyres on front axle and four tyres on rear axle	Eight tyres on two axles	4	1	0	3	0	41.5	
15	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	
16	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	
17	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	The GVW is capped at 55 tonnes.