

**OFFICE OF THE TRANSPORT COMMISSIONER CUM CHAIRMAN,  
STATE TRANSPORT AUTHORITY, ODISHA, CUTTACK**

No. 11194 /TC Date 22/09/2018  
LX - 209/18

Circular No. 05 /TC, 2018

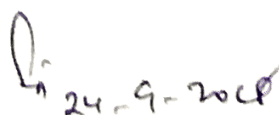
**Sub: Revision of Safe Axle weights/Gross Vehicle Weight(GVW) of Heavy Motor Vehicles.**

Ministry of Road Transport & Highways(MoRTH),Govt. of India(Gol).New Delhi has issued notifications bearing nos. S.O. 3467(E) dated 16.07.2018 and S.O.3881(E) dated 06.08.2018 revising safe axle weights of Transport Vehicles and further advisories have been issued by MoRTH,Gol on 18.07.2018 & 07.08.2018 regarding implementation of the said notifications. In view of the above notifications and Advisories of MoRTH,Gol (Copy attached), all Regional Transport Officers of the State are instructed to revise the Safe Axle Weights and Gross Vehicle Weight(GVW) of both New & Old Heavy Goods Vehicles as well as Heavy Passenger Vehicles following the procedure described below.

1. The above notifications are applicable to Heavy Goods Vehicles and Heavy Passenger Motor Vehicles only irrespective of axle disposition.
2. In case of new vehicle, if revised safe axle weight as notified by MoRTH, Gol is fetched through Homologation Portal, then the same GVW should be accepted and assigned to such vehicle at the time of registration.
3. If the revised safe axle weight is not fetched through homologation portal, the vehicle should be allowed for registration with unrevised GVW and revision of GVW as per notifications of MoRTH is to be done at RTO end. Before printing Registration Certificate in Smart Card, revision of GVW as per MoRTH notifications is to be effected and thereafter smart card should be printed for delivery to the applicant. In all such cases consultation is required with Sr. Technical Director,NIC before printing RC and issuing Fitness Certificate.
4. In respect of old vehicles, which are registered on or before 16-07-2018, owner of such vehicles are required to apply for revision of Gross Vehicle

Weight in the format(copy attached) along with alteration fees, new smart card fees, postal charges & M V Tax as applicable as per enhanced GVW, so that as and when application is filed, Gross Vehicle Weight is to be revised by RTO as per notification of MoRTH in respect of Heavy goods/passenger vehicles irrespective of axle disposition.

5. As per notifications of MoRTH,GoI, if the vehicle is fitted with Pneumatic suspension, extra One Tonne of GVW is to be assigned. If this additional One Tonne of GVW has been fetched in the Homologation Portal in case of new vehicles this is to be accepted treating that pneumatic suspension has been fitted. In case old vehicles for this purpose certificate from manufacturer as well as from Type Approval Agency is to be furnished by the applicant along with application for revision of GVW.
6. In respect of vehicles which are registered after 16-07-2018 with unrevised GVW, owner of such vehicles are also required to apply for revision of Gross Vehicle Weight along with alteration fees, new smart card fees, postal charges & M V Tax as applicable as per enhanced GVW, so that as and when application is filed, Gross Vehicle Weight is to be revised by RTO as per notification of MoRTH in respect of Heavy goods/passenger vehicles irrespective of axle disposition.
7. While assigning revised safe axle weights and Gross Vehicle Weight to very old vehicle which are more than 15 years old, unless Deputy Commissioner of concerned Zone and MVI jointly inspects the vehicle & certifies that the vehicle condition is fit to carry the revised GVW from Road safety point of view, Gross Vehicle Weight should not be revised by the RTOs.
8. Once the necessary revision of GVW in respect of old vehicle is made, necessary correction is to be made in Registration Certificate & Route Permit by the concerned RTOs on the body of the documents.
9. Revised GVW is to be assigned as per the table attached.

 24-9-2018

Transport Commissioner,

Odisha

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. आरटी.-11028/11/2017-एम.वी.एल.]

अमय 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.	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-axes (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-MV1.]

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
* 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.

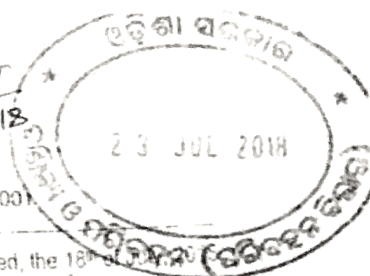
3. Modular hydraulic trailers can carry goods of indivisible nature of any load subject to the regulatory approvals as may be required.

\*\*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).



Dated, the 18<sup>th</sup> 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 16<sup>th</sup> July, 2018. A copy of the notification is enclosed at **Annexure 'A'**. This notification supersedes the earlier notification dated S.O. 728(E) dated 18<sup>th</sup> 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 Bhatt)  
Director (MVL)

- (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.

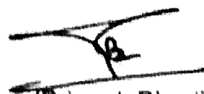
3. All the new models, which are approved on or after 16<sup>th</sup> July 2018, shall be tested for the higher axle loads in force by the testing agencies authorised to issue type approval certificates under Rule 126 of the Central Motor Vehicles Rules, 1989.

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.



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

Annexure 'B'

**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.

To

The Regional Transport Officer,

Sub: Assignment of revised GVW for my old HMV /Registration of my new HMV with revised Gross Vehicle Weight as per Notification No. S.O. -3467 dtd.16.07.2018 & S.O. -3881 dtd.06.08.2018 of Ministry of Road Transport and Highways.

Sir,

I intend to revise GVW of my existing Vehicle/ register my new Vehicle with revised Gross Vehicle Weight in accordance to the notification as mentioned in the subject.

The particulars of my Existing old/New vehicle are as follows :

- 1) Chassis No.
- 2) Model
- 3) Make
- 4) Registration Number of the vehicle

I further undertake that, I shall pay the fees / Tax and Additional Tax as applicable as per revised GVW.

Date:      /      /     

Yours faithfully,

( )

Name & Signature of the registered Owner

Adhar.No :

[illegible]

Mobile No.:

[illegible]

E-mail ID:

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