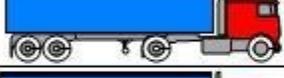
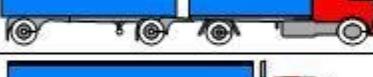
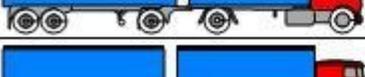


Ministry of Communications | Axle load limit on National Highways & Motorways (NHM) as provided in National Highway Safety Ordinance-2000.

TRUCK TYPE	Permissible Gross Vehicles Weight (In Tons)
 2 AX SINGLE (Bedford)	17.5
 2 AX SINGLE (Hino/Nissan)	17.5
 3 AX TENDEM	27.5
 3 AX SINGLE	29.5
 4 AX SINGLE-TENDEM	39.5
 4 AX TENDEM-SINGLE	39.5
 4 AX SINGLE	41.5
 5 AX SINGLE-TRIDEM	48.5
 5 AX TENDEM-TENDEM	49.5
 5 AX SINGLE-SINGLE-TENDEM	51.5
 5 AX TENDEM-SINGLE-SINGLE	51.5
 6 AX TENDEM-TRIDEM	58.5
 6 AX TENDEM-SINGLE-TENDEM	61.5

Source: PNC-ICC, June 2019

REGISTERED No. M - 302
L.-7646

The Gazette  **of Pakistan**

**EXTRAORDINARY
PUBLISHED BY AUTHORITY**

ISLAMABAD, THURSDAY, MARCH 8, 2018

PART II

Statutory Notifications (S. R. O.)

GOVERNMENT OF PAKISTAN

MINISTRY OF COMMUNICATIONS

NOTIFICATION

Islamabad, the 20th February, 2018

S.R.O. 308(I)/2018.— In exercise of the powers conferred by section 40 of the National Highways Safety Ordinance, 2000 (XL of 2000), the Federal Government, in consultation with the National Highways and Pakistan Motorway Police, is pleased to make the following rules, namely:—

1. **Short title, extent and commencement.**—(1) These rules may be called the National Highways and Motorways (Dimensions of Goods Transport Vehicles) Rules, 2017.

(2) These rules shall apply to all goods transport vehicles using national highways and motorways of Pakistan.

(3) They shall come into force at once.

2. **Definitions.**—(1) In these rules, unless the context otherwise requires, the following expressions shall have the meanings hereby respectively assigned to them, that is to say:—

(637)

Price : Rs. 20.50

[5496(2018)/Ex. Gaz.]

- (viii) "GVx6w" means a specially designed HTV goods vehicle, comprising prime mover and semi-trailer combination with total six axles and one articulation point, used for transportation of indivisible loads having width between 2.60 meters to 2.90 meters, both inclusive and overall length not exceeding 19.81 meters and having weight within the permissible limits;
- (ix) "Gx3" means a three axle HTV goods vehicle, comprising prime mover and semi-trailer combination with a total of three axles and one articulation point;
- (x) "Gx4a" means a four axle HTV goods vehicle, comprising prime mover and semi-trailer combination having such axle configuration that the prime mover has front steering axle, a rear single axle and the semi-trailer has a tandem axle assembly;
- (xi) "Gx4b" means HTV goods vehicle, comprising prime mover and semi-trailer combination having such axle configuration that the prime mover has front steering axle, a rear tandem axle and the semi-trailer has a single axle;
- (xii) "Gx5a" means five axle HTV goods vehicle, comprising prime mover and semi-trailer combination having such axle configuration that the prime mover has front steering axle, a rear single axle and the semi-trailer has a tridem axle assembly;
- (xiii) "Gx5b" means a five axle HTV goods vehicle, comprising prime mover and semi-trailer combination having such axle configuration that the prime mover has front steering axle, a rear tandem axle and the semi-trailer has a tandem axle assembly;
- (xiv) "Gx6a" means a six axle HTV goods vehicle, comprising prime mover and semi-trailer combination having such axle configuration that the prime mover has front steering axle, a rear tandem axle and the semi-trailer has a tridem axle assembly;
- (xv) "Gx6b" means a six axle HTV goods vehicle, comprising prime mover and semi-trailer combination, having such axle configuration that the prime mover has front steering axle, a rear tridem axle and the semi-trailer has a tandem axle assembly;
- (xvi) "G1" means two axle LTV goods vehicle having vehicle length less than 3.5 meters, registered laden weight less than two thousand five hundred kilograms and has a single row of seat;
- (xvii) "G2" means two axle LTV goods vehicle having vehicle length between 3.5 meters to 5.3 meters, both inclusive, registered laden

the carriage of liquid and gaseous goods, where such vehicle has a front steering axle and a rear single axle;

- (xxix) "LG11" means rigid HTV goods vehicle, mounted with a tank having capacity more than one thousand liters and gross vehicle weight less than twenty-five thousand five hundred kilograms intended for the carriage of liquid and gaseous goods, where such vehicle has front steering axle and rear tandem axle assembly;
- (xxx) "LGx3" means HTV goods vehicle, mounted with a tank intended for the carriage of liquid and gaseous goods, where such vehicle comprises of prime mover and semi-trailer combination with a total three axles and one articulation point;
- (xxxi) "LGx4a" means a four axle HTV goods vehicle, mounted with a tank intended for the carriage of liquid and gaseous goods, where such vehicle comprises of prime mover and semi-trailer combination having such axle configuration that the prime mover has front steering axle, a rear tandem axle and the semi-trailer has a single axle;
- (xxxii) "LGx4b" means a four axle HTV goods vehicle, mounted with a tank intended for the carriage of liquid and gaseous goods, where such vehicle comprises of prime mover and semi-trailer combination having such axle configuration that the prime mover has front steering axle, a rear single axle and the semi-trailer has a tandem axle assembly;
- (xxxiii) "LGx5a" means a five axle HTV goods vehicle, mounted with a tank intended for the carriage of liquid and gaseous goods, where such vehicle comprises of prime mover and semi-trailer combination having such axle configuration that the prime mover has front steering axle, a rear tandem axle and the semi-trailer has a tandem axle assembly;
- (xxxiv) "LGx5b" means a five axle HTV goods vehicle, mounted with a tank intended for the carriage of liquid and gaseous goods, where such vehicle comprises of prime mover and semi-trailer combination having such axle configuration that the prime mover has front steering axle, a rear single axle and the semi-trailer has a tandem axle assembly;
- (xxxv) "LGx6a" means a six axle HTV goods vehicle, mounted with a tank intended for the carriage of liquid and gaseous goods, where such vehicle comprises of prime mover and semi-trailer combination, having such axle configuration that the prime mover has front

(xlviii) "semi-trailer" means the rear portion of the articulated vehicle which is superimposed on the drive wheels so that part of its weight is borne by the prime mover;

(xlix) "top deck rear extension" means the protruding portion of the top deck beyond the rear extremity of the lower deck in a car transport vehicle;

(1) "trailer" means the rear portion of an articulated vehicle connected to the prime mover through drawbar;

(1i) "vehicle height" means the vertical distance, measured from the surface upon which the vehicle rests to the highest point on the top of vehicle including the load height of loaded vehicle;

(1ii) "vehicle length" means the greatest longitudinal dimension of the vehicle including the load length of a loaded vehicle.

(1iii) "vehicle width" means the greatest transverse dimension of the vehicle, including load of a loaded vehicle except the tyre bulge, side mirror and protruding indicators;

(1iv) "wheel base" means center to center distance between front most and the rear most axle and where the rear axle comprises of tandem or tridem axle assembly, the center of such axle assembly.

(2) Other terms, expressions and phrases used in these rules shall have the same meaning as provided in the Ordinance.

3. **Dimensions of goods transport vehicle.**—(1) The dimensions of goods transport vehicle shall not exceed the dimensions specified in the First Schedule to these rules.

(2) No goods transport vehicle in violation of the dimensions specified in the First Schedule shall be allowed on national highways and motorways:

Provided that notwithstanding any thing contained in these rules, the Regulations, Technical Standards for the Petroleum Industry (Road Transport Vehicle, Containers and Equipment Used for the Transportation of Petroleum Products), promulgated under the Oil and Gas Regulatory Authority Laws, shall apply to the vehicles used for transportation of petroleum products.

(3) If the outer track width of various axles of a vehicle is different, the axle having minimum outer track width shall be considered:

Provided that this sub-rule shall not apply to GV3w, GVx5w and GVx6w vehicles.

- (ii) the vehicle shall move only during day time and shall be parked at safe location between dusk to dawn;
- (iii) the vehicle shall be accompanied by an extra prime mover;
- (iv) for safety purposes, the owner and or carrier shall arrange a lead car in front, one rear vehicle and a mobile workshop to move along the abnormal load;
- (v) all the vehicles thereof shall have amber revolving lights of standard size fitted on top and shall have inscription "ABNORMAL LOAD" in front and rear of the vehicle, painted in red reflecting colour visible from one hundred meter distance;
- (vi) red flags and amber revolving lights shall be fitted on outer extremities of the abnormal load;
- (vii) the driver shall follow instructions of NH&MP of the area concerned; and
- (viii) any other conditions that may be attached to the permission letter.

6. Prohibition on un-authorized fabrication and alteration of goods transport vehicles.—(1) No person shall fabricate or alter goods transport vehicle unless duly authorized by the maker of the vehicle in this behalf.

(2) Alteration or fabrication under sub-rule (1) shall be recorded on the certificate of registration of the vehicle as per sections 28, 32 or 33 of the Ordinance, as the case may be.

(3) Alteration or fabrication of vehicle includes the construction of semi-trailer or trailer for a prime mover of an articulated vehicle.

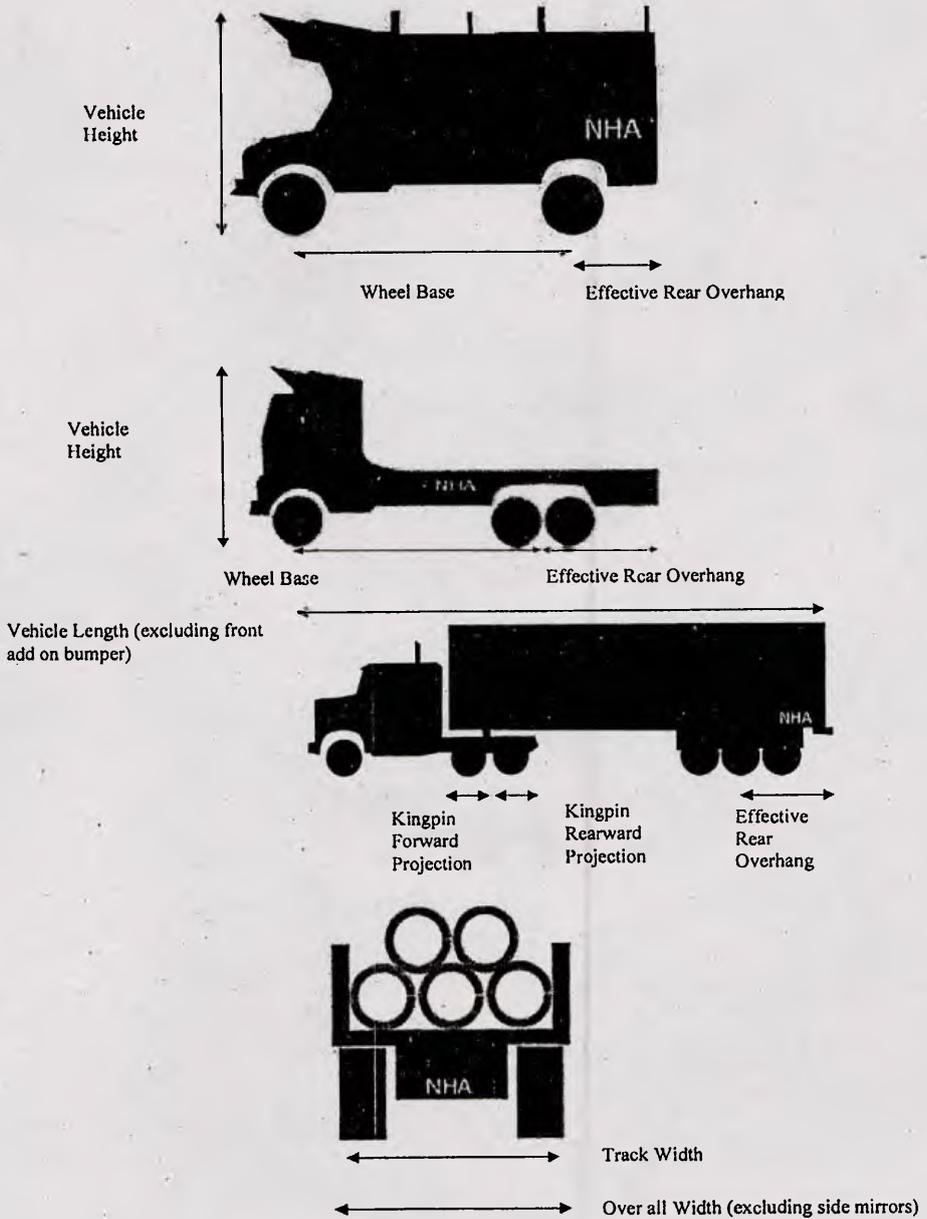
7. Requirement of declaration by the owner.—The owner of goods transport vehicle shall submit to the registering authority, or motor vehicle examiner, as the case may be, at the time of registration of such vehicle, or while applying for fitness certificate or its renewal, affidavit on stamp paper of Rs. 30 denomination duly attested, to the effect that he/ she knows the contents of these rules and that his/ her vehicle conform to the dimensions specified for goods transport vehicle in the 1st schedule.

8. Applicability of other rules.—The provision of these rules shall be in addition to, and not in derogation of, any other law for the time being in force.

5	G12	Double Steering - Tandem Axles Truck 	(a)	vehicle length	12.00m maximum
			(b)	vehicle width	2.55m maximum
			(c)	vehicle height	4.30m maximum
			(d)	bed length	12.00m maximum
			(e)	outer track width	shall not be less than 10cm from the total width of the vehicle
			(f)	effective rear overhang	2.80m maximum
			Part-2. GENERAL ACCESS ARTICULATED GOODS VEHICLES (TYPE Gx)		
1	Gx3	3 Axle Articulated Truck 	Sr	Dimensions	Limit
			(a)	vehicle length	17.40m maximum
			(b)	vehicle width	2.55m maximum
			(c)	vehicle height	4.30m maximum
			(d)	kingpin forward projection	1.90m maximum
			(e)	outer track width	shall not be less than 10cm from the total width of the vehicle
			(f)	effective rear overhang	1.80m maximum
2	Gx4a/ Gx4b	4-Axle Articulated Truck (a)  (b) 	(a)	vehicle length	17.40m maximum
			(b)	vehicle width	2.55m maximum
			(c)	vehicle height	4.30m maximum
			(d)	kingpin forward projection	1.90m maximum
			(e)	outer track Width	shall not be less than 10cm from the total width of the vehicle
			(f)	effective rear Overhang i. tandem-single ii. single-tandem	1.80m maximum 2.80m maximum
			3	Gx5a/ Gx5b	5-Axle Articulated Truck (a)  (b) 
(b)	vehicle width	2.55m maximum			
(c)	vehicle height	4.35m maximum			
(d)	kingpin forward projection	1.90m maximum			
(e)	outer track width	shall not be less than 10cm from the total width of the vehicle			
(f)	effective rear overhang i. tandem-tandem ii. single-tridem	2.80m maximum 3.30m maximum			

5	LGx4a/ LGx4b	4-Axle Articulated Tanker	(a)		(a)	vehicle length	17.40m maximum
			(b)		(b)	vehicle width	2.50m maximum
					(c)	vehicle height	4.00m maximum
					(d)	tank height	3.80m maximum
					(e)	kingpin forward projection	1.90m maximum
					(f)	outer track width	shall be equal to total width of the vehicle
					(g)	effective rear overhang	
						i. tandem-single	1.80m Maximum
						ii. single-tandem	2.80m Maximum
6	LGx5a/ LGx5b	5-Axle Articulated Tanker	(a)		(a)	vehicle length	17.40m maximum
			(b)		(b)	vehicle width	2.50m maximum
					(c)	vehicle height	4.00m maximum
					(d)	tank height	3.80m maximum
					(e)	kingpin forward projection	1.90m maximum
					(f)	outer track width	Shall be Equal to total width of the vehicle
					(g)	effective rear overhang	
						i. tandem-tandem	2.80m maximum
						ii. single-tridem	3.30m maximum
7	LGx6a/ LGx6b	6-Axle Articulated Tanker	(a)		(a)	vehicle length	17.40m maximum
			(b)		(b)	vehicle width	2.50m maximum
					(c)	vehicle height	4.00m maximum
					(d)	tank height	3.80m maximum
					(e)	kingpin forward projection	1.90m maximum
					(f)	outer track width	Shall be equal to total width of the vehicle
					(g)	effective rear overhang	
						i. tridem-tandem	2.80m maximum
						ii. tandem-tridem	3.30m maximum

Key



7.	Voucher No _____	Date _____ Name of Bank _____ (attach original slip)
8.	Load weight	Gross weight
9.	Height	Width
10	Number of axles	
11	Route to be followed	

This permission is granted on the following conditions.-

- (i) The driver or owner of the vehicle shall inform NH&MP of the area concerned before bringing the vehicle on national highway or motorway,
- (ii) The vehicle shall move only during day time and shall be park at safe location between dusk to dawn,
- (iii) The vehicle shall be accompanied by an extra prime mover,
- (iv) For safety purposes, the owner and the carrier shall arrange the following additional vehicles to move along the abnormal load.-
 - a. lead car in the front,
 - b. one rear vehicle and
 - c. mobile workshop
- (v) All the above vehicles shall have amber revolving lights of standard size and fitted on their roof top. These vehicles shall also have inscription "ABNORMAL LOAD" in front and rear of the vehicles, painted in red reflecting colour visible from 100 meters distance,
- (vi) Red flags and amber revolving lights shall be fitted on the outer extremities of the abnormal load,
- (vii) The driver shall follow instructions of NH&MP patrol officers of the area concerned,
- (viii) Additional Conditions.-

a.
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Signature and office seal of authority granting permission-----

Date-----

[File No. 6(2)/2007-Roads.]

ABDUSSABOOH,
Director (R&RT).