



Islamic Republic of Iran
Ministry of Roads and Urban Development



Road Maintenance and
Transportation Organization

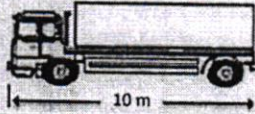
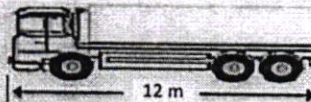
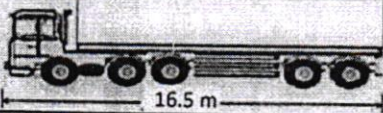

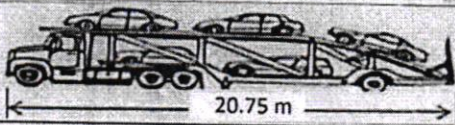
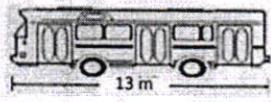
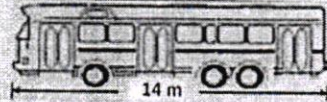
No:

Date:

Article 2: Allowable Dimensions of Vehicles on the National Roads Network

A. Length : Means the greatest overall longitudinal dimension of a vehicle or combination of vehicles including load is indicated in Table 1.

**Table 1: Allowable Length of Various Types of
Cargo and Passenger Vehicles on National Roads Network**

No.	Vehicle	Maximum Allowable Length of Vehicle Including Load (m)	Image
1	Two-Axle Truck	10	
2	Three -Axle Truck	12	
3	Various Truck - Tractor semi-trailer	16.5	
4	Truck with Trailer	18.35	
5	Car carrier (Truck +Trailer)	20.75	
6	Two-Axle Bus	13	
7	Three(+)-Axle Bus	14	



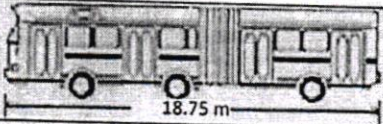
Islamic Republic of Iran
Ministry of Roads and Urban Development



Road Maintenance and
Transportation Organization

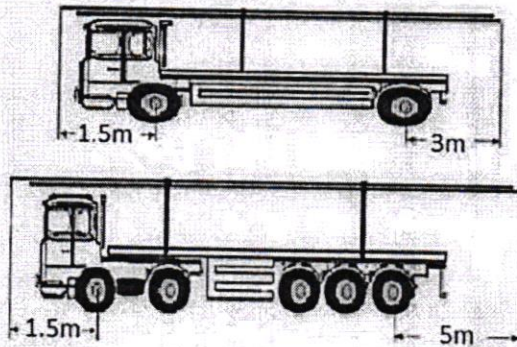
No:

Date:

8	Trolley Bus	18.75	
---	-------------	-------	--

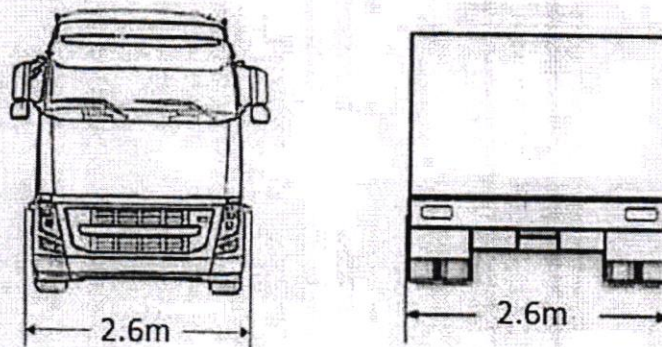
Remark: Maximum length indicated in the table is the largest length from the front end to the rear end of the vehicle or the cargo.

Note: Maximum front cargo overhang from center of the first axle is 1.50 m and maximum rear cargo overhang from center of the last axle is 3 m for trucks and 5 m for trailers. Cargos with larger overhangs are not allowed to move along the national roads network under any conditions.



B. Width

Maximum allowable width of all cargo vehicles with cargo and all passenger vehicles is 2.6m, exclusive of the side mirrors and lights.



Note: Side cargo overhangs from the two sides of the vehicle cannot exceed 30cm.

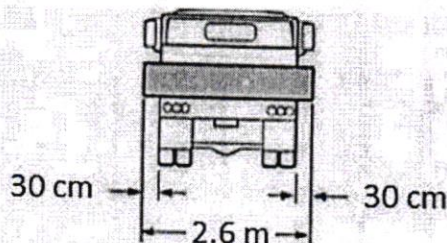


Islamic Republic of Iran
Ministry of Roads and Urban Development



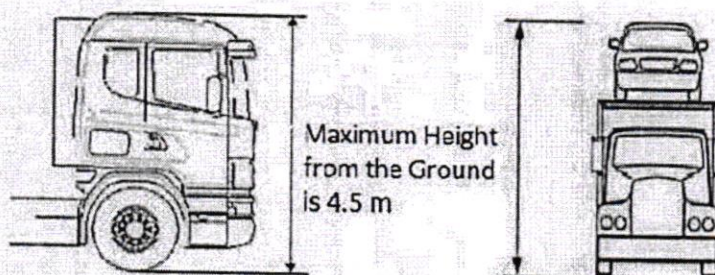
Road Maintenance and
Transportation Organization

No:
Date:



Height:

Maximum allowable height for all cargo vehicles with cargo and all passenger vehicles from the ground to the top of cargo or vehicle is 4.5 m along the national roads network, except for HARAZ and CHALOOS Roads.





Note: When height limitations are put on certain roads, reducing the allowable height, the new limitations shall be publicized through The Road Maintenance and Transportation Organization.

Article 3: Allowable weight of vehicles along the national roads network is indicated in the following table.

A. Axial Load

The maximum load imposed by each axle of the vehicle (passenger or cargo) on the road surface must not exceed the limits indicated in Table 2.

Table 2: Allowable Weight of Axle groups

No.	Axle groups				Image
	Group	Number of Axles in Group	Number of Wheels in Group	Allowable Weight of Group (ton)	
1	Steering Axle	1	2	8	
2		2	4	14	



Islamic Republic of Iran
Ministry of Roads and Urban Development



Road Maintenance and
Transportation Organization

No:

Date:

3	Single axle	1	2	10	
4			4	13	
5	Tandem axle	2	4	18	
6			6		
7			8		
8	Tri-Axle	3	6	24	
9			10		
10			12		

* If the distance between centers of the two axles exceeds 2 meters, each axle is considered a single axle.

** Tires used on single, double, and triple axles with two wheels on each axle must be radial type with minimum width of 36.5 cm; otherwise, one ton is reduced from the allowable weight of the axle group for each axle.

B. Allowable Weight of Trucks

Allowable weight of various types of truck along the national roads network is indicated in Table 3.

Table 3: Layout of Axle groups and Weight of Various Trucks

No. of Axles	Allowable Combined Weight Of Axle Groups (MT)		No. of Wheels In Axle Groups		Classification of Axle Groups	Vehicle Code	
	Gross Weight (Total)	B	A	B			A
2	19	13	8	4	2	 A B	5206
3	26	20	8	8	2	 A B	5310
3	24	16	8	6	2	 A B	5308
3	26	18	8	4	2		5306R



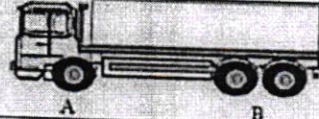
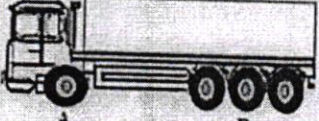
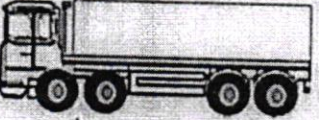
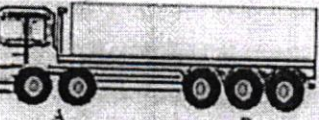
Islamic Republic of Iran
Ministry of Roads and Urban Development



Road Maintenance and
Transportation Organization

No:

Date:

				6			5308R
4	30	24	8	10	2		5412
4	32	20	14	8	4		5412S
5	34	24	14	10	4		5514S

Vehicle Code: The vehicle code contains four digits; the first two digits show type of the vehicle and number of the axles, and the two last digits show total number of the wheels.

Letters: R represents radial tires with minimum width of 36.5 cm and S indicating for two axles in the Steering Axle group.

C. Allowable Weight of Combination Vehicles

1. Truck with Trailer (Trailer is Connected Indirectly to the Truck Using Drawbar, Lock, and Pin)

The allowable weight of various trailer trucks along the national roads network is indicated in Table 4



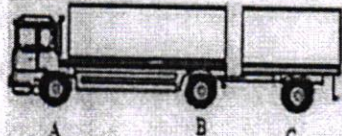
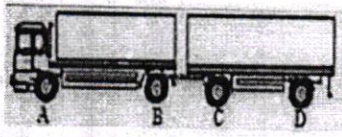
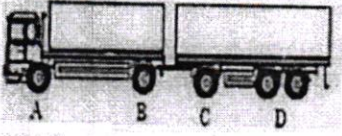
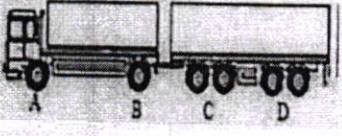
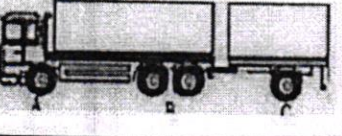
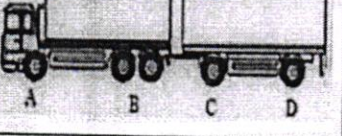
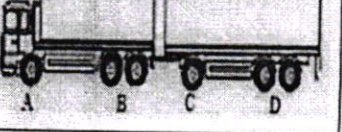
Islamic Republic of Iran
Ministry of Roads and Urban Development



Road Maintenance and
Transportation Organization

No:
Date:

Table 4: Layout of Axle Groups in Various Trailer Trucks

No. of Axles	Allowable Combination Weight of Axle groups (ton)							No. of Wheels in Axle groups				Classification of Axle groups	Vehicle Code
	Total Weight (Gross)	Trailer	Truck	D	C	B	A	D	C	B	A		
3	28	10	18	-	10	13	8	-	2	4	2		537108
4	30	14	16	13	10	13	8	4	2	4	2		537212
5	32	16	16	20	10	13	8	8	2	4	2		537316
6	36	20	16	20	16	13	8	8	4	4	2		537418
4	34	10	24	-	10	20	8	-	2	8	2		537112
5	38	16	22	13	10	20	8	4	2	8	2		537216
6	40	18	22	20	10	20	8	8	2	8	2		537320

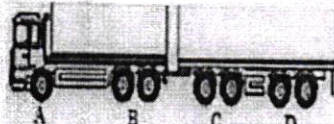


Islamic Republic of Iran
Ministry of Roads and Urban Development



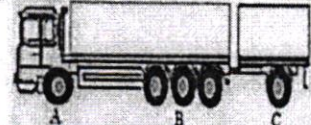

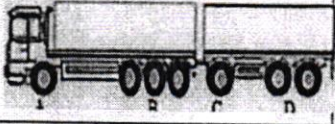
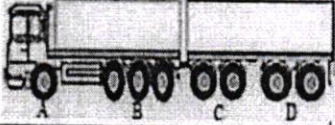
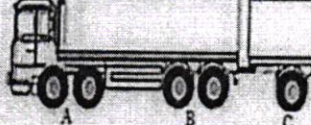
Road Maintenance and
Transportation Organization

No:
Date:

No. of Axles	Allowable Combination Weight of Axle groups (ton)							No. of Wheels in Axle groups				Classification of Axle groups	Vehicle Code
	Total Weight (Gross)	Trailer	Truck	D	C	B	A	D	C	B	A		
7	42	20	22	20	16	20	8	8	4	8	2		537422

Vehicle Code: The vehicle code contains six digits; the first two digits indicates type of the vehicle and number of the axles; the second two digits represents type of the trailer and number of axles; and the last two digits illustrates total number of the vehicles.

Table 4 (Continued): Layout of Axle groups in Various Trailer Trucks

No. of Axles	Allowable Combination Weight of Axle Groups (MT)							No. of Wheels in Axle Groups				Classification of Axle Groups	Vehicle Code
	Total Weight (Gross)	Trailer	Truck	D	C	B	A	D	C	B	A		
5	38	10	28	-	10	24	8	-	2	10	2		547114
6	40	16	26	13	10	24	8	4	2	10	2		5477218
7	42	20	22	20	10	24	8	8	2	10	2		547323
8	42	22	22	20	16	24	8	8	4	10	2		547424
5	38	10	28	-	10	20	14	-	2	8	4		5471145



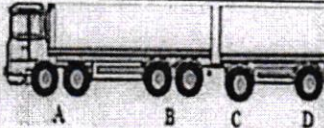
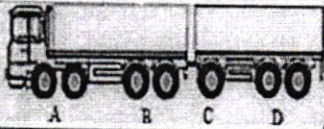
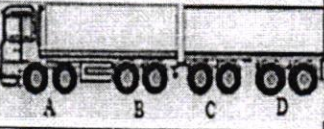
Islamic Republic of Iran
Ministry of Roads and Urban Development



Road Maintenance and
Transportation Organization

No:

Date:

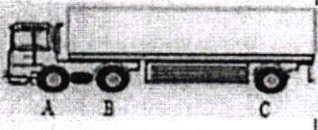
No. of Axles	Allowable Combination Weight of Axle Groups (MT)							No. of Wheels in Axle Groups				Classification of Axle Groups	Vehicle Code
	Total Weight (Gross)	Trailer	Truck	D	C	B	A	D	C	B	A		
6	40	16	24	13	10	20	14	4	2	8	4		547218S
7	42	20	22	20	10	20	14	8	2	8	4		547322S
8	44	22	22	20	16	20	14	8	4	8	4		547424S

Vehicle Code: The vehicle code contains six digits; the first two digits indicate type of the vehicle and number of the axles; the second two digits demonstrate type of the trailer and number of axles; and the last two digits illustrate total number of the vehicles.
S: Stands for two axles in the lead group.

2. Truck-Tractor Semitrailer (Semitrailer Directly Connected to the Tractor chassis by the Fifth Wheel)

Allowable weight of various types of Truck Tractor semitrailer in the national roads network is indicated in Table 5.

Table 5: Layout of Axle Groups and Allowable Weight of Various Truck – Tractor semitrailer

No. of Axles	Allowable Articulated Weight of Axle Groups (MT)							No. of Wheels in Axle Groups				Classification of Axle Groups	Vehicle Code
	Total Weight (Gross)	Semi Trailer	Tractor	D	C	B	A	D	C	B	A		
3	28	10	19	-	10	13	8	-	2	4	2		6281108R



Islamic Republic of Iran
Ministry of Roads and Urban Development



Road Maintenance and
Transportation Organization

No:
Date:

No. of Axles	Allowable Articulated Weight of Axle Groups (MT)							No. of Wheels in Axle Groups				Classification of Axle Groups	Vehicle Code	
	Total Weight (Gross)	Semi Trailer	Tractor	D	C	B	A	D	C	B	A			
3	28	13	19	-	13	13	8	-	4	4	2		628110	
4	32	20	19	-	20	13	8	-	8	4	2		628214	
4	36	26	19	13	13	13	8	4	4	4	2		628214L	
4	32	18	19	-	18	13	8	-	4	4	2		628310R	
5	34	21	19	-	21	13	8	-	6	4	2		628312	
5	40	24	19	-	24	13	8	-	6	4	2		628312R	
5	40	24	19	-	24	13	8	-	10	4	12		628316W	
		27			27				12				628318	
6+	44	30	19	18	18	13	8	-	4	4	4	2		628414R
		36		20	20				8	8				628422



Islamic Republic of Iran
Ministry of Roads and Urban Development



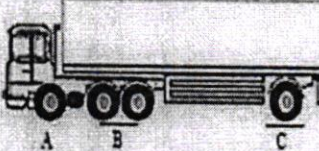
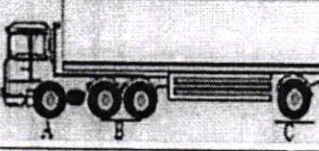
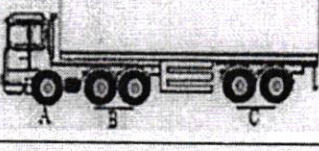
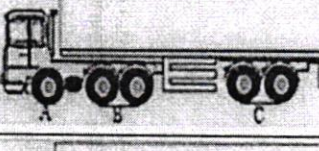
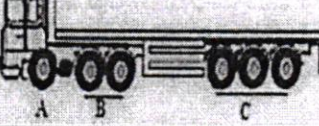
Road Maintenance and
Transportation Organization

No:
Date:

Vehicle Code: The vehicle code contains six digits; the first two digits indicates the type of vehicles and number of axles; the second two digits demonstrates the type of semi-trailer and number of the axles; and the last to digits illustrates total number of the wheels.

Letters: R stands for radial tire with minimum width of 36.5 cm; L shows that the distance between two adjacent axles of the semitrailer exceeds 2 m; and W shows that there is a two-wheel axle in the rear axle group.

Table 5 (Continued): Layout of Axle groups and Allowable Weight of Various Truck – Tractor semitrailer

No. of Axles	Allowable Articulated Weight of Axle Groups (MT)							No. of Wheels in Axle Groups				Classification of Axle Groups	Vehicle Code
	Total Weight (Gross)	Semi Trailer	Tractor	D	C	B	A	D	C	B	A		
4	32	10	26	-	10	20	8	-	2	8	2		638112R
4	32	13	26	-	13	20	8	-	4	8	2		638114
5	40	18	26	-	18	20	8	-	4	8	2		638214R
5	40	20	26	-	20	20	8	-	8	8	2		638318
6	44	24	26	-	24	20	8	-	6	8	2		638316R

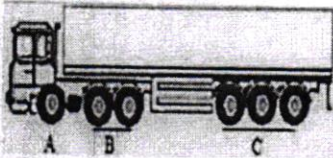
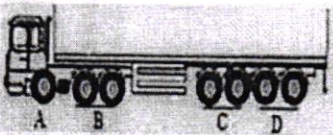


Islamic Republic of Iran
Ministry of Roads and Urban Development



Road Maintenance and
Transportation Organization

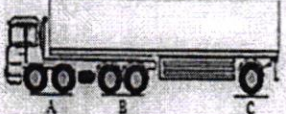

No:
Date:

No. of Axles	Allowable Articulated Weight of Axle Groups (MT)							No. of Wheels in Axle Groups				Classification of Axle Groups	Vehicle Code
	Total Weight (Gross)	Semi Trailer	Tractor	D	C	B	A	D	C	B	A		
6	44	24	26	-	24	20	8	-	10	8	2		638320W
		27			27				12				638322
7+	44	30	26	18	18	20	8	4	4	8	2		638418R
		36		20	20			8	8				638426

Vehicle Code: The vehicle code contains six digits; the first two digits indicates the type of vehicles and number of axles; the second two digits demonstrates the type of semi-trailer and number of the axles; and the last to digits illustrates total number of the wheels.

Letters: R stands for radial tire with minimum width of 36.5 cm, and W shows that there is a two-wheel axle in the rear axle group.

Table 5 (Continued): Layout of Axle Groups and Allowable Weight of Various Trailer Trucks

No. of Axles	Allowable Articulated Weight of Axle Groups (MT)							No. of Wheels in Axle Groups				Classification of Axle Groups	Vehicle Code
	Total Weight Gross	Semi Trailer	Tractor	D	C	B	A	D	C	B	A		
5	40	10	30	-	10	20	14	-	2	8	4		648114RS
5	40	13	30	-	13	20	14	-	4	8	4		6418116S



Islamic Republic of Iran
Ministry of Roads and Urban Development



Road Maintenance and
Transportation Organization

No:
Date:

No. of Axles	Allowable Articulated Weight of Axle Groups (MT)							No. of Wheels in Axle Groups				Classification of Axle Groups	Vehicle Code	
	Total Weight Gross	Semi Trailer	Tractor or	D	C	B	A	D	C	B	A			
6	44	18	30	-	18	20	14	-	4	8	4		648316RS	
6	44	20	30	-	20	20	14	-	8	8	4		648220S	
7	44	24	30	-	24	20	14	-	6	8	4		648318RS	
7	44	24	30	-	24	20	14	-	10	8	4		648322WS	
		27			27				12				648324S	
8+	44	20	30	18	18	20	14	-	4	8	8	4		648420RS
		36		20	20				4	8				648428S

Vehicle Code: The vehicle code contains six digits; the first two digits indicates the type of vehicles and number of axles; the second two digits demonstrates the type of semi-trailer and number of the axles; and the last to digits illustrates total number of the wheels.

Letters: **R** stands for radial tire with minimum width of 36.5 cm, **W** shows that there is a 2-wheel axle in the rear axle group, and **S** shows that there are 2 axles in the lead group.

Note 1: Rear axles of the trailer trucks with more than four axles must be steerable.

Note 2: Allowable weight of various types of passenger vehicles, based on their axles layout, will be the same as those indicated in Tables 3 and 4.

Article 4: The vehicles subject to this regulation must have tires with minimum width of 275 mm and more.