

PERMISSIBLE WEIGHT TABLE

CVE-43 (Rev. 12/15)

$$W = 500 \left(\left(\frac{LN}{N-1} \right) + 12N + 36 \right)$$

W = Weight L = Length N = # Of Axles

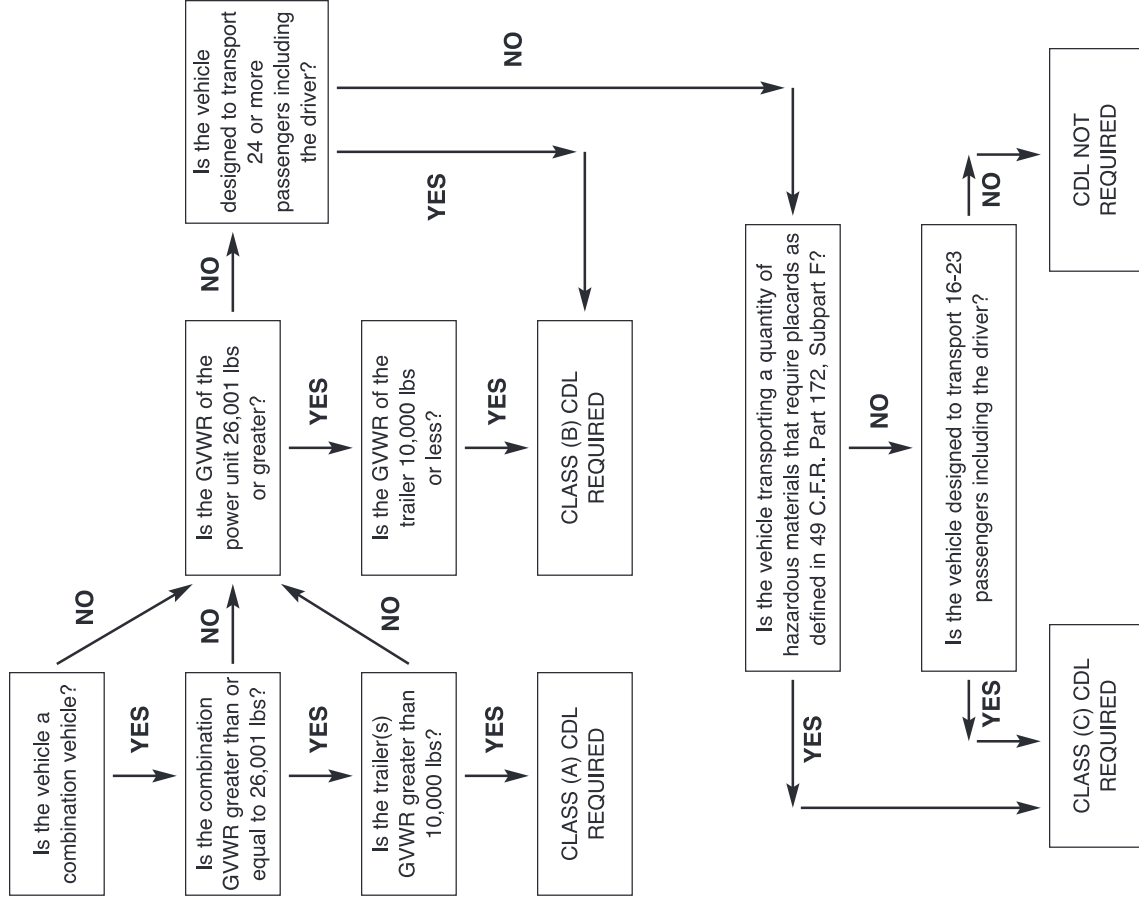
DISTANCE IN FEET	AXLES 2	AXLES 3	AXLES 4	AXLES 5	AXLES 6	AXLES 7
7	34,000					
8	34,000	34,000				
8+	38,000	42,000				
9	39,000	42,500				
10	40,000	43,500				
11		44,500				
12		45,000	50,000			
13		45,500	50,500			
14		46,500	51,500			
15		47,500	52,000	58,000		
16		48,000	52,500	58,500		
17		48,500	53,500	59,000		
18		*49,900	54,000	60,000		
19		*51,400	54,500	60,500		
20		*52,800	55,500	61,000	66,000	
21		*54,000	56,000	61,500	66,500	
22		*54,000	56,500	62,000	67,000	
23		*54,000	57,500	62,500	68,000	
24		54,000	*58,700	63,000	68,500	74,000
25		54,500	*59,650	63,500	69,000	74,500
26		55,500	*60,600	64,000	69,500	75,000
27		56,000	*61,550	65,000	70,000	75,500
28		57,000	*62,500	65,500	71,000	76,500
29		57,500	*63,450	66,000	71,500	77,000
30		58,500	*64,000	66,500	72,000	77,500
31		59,000	*65,350	67,500	72,500	78,000
32		60,000	*66,300	68,500	73,000	78,500
33			*67,250	68,500	74,000	79,000
34			*68,200	69,000	74,500	80,000
35			*69,150	70,000	75,000	
36			*70,100	70,500	75,500	
37			*71,050	71,050	76,000	
38			*72,000	*72,000	77,000	
39			*72,000	72,500	77,500	
40			*72,000	73,000	78,000	
41			*72,000	73,500	78,500	
42			*72,000	74,000	79,000	
43			*72,000	75,000	80,000	
44			*72,000	75,500		
45			72,000	76,000		
46			72,500	76,500		
47			73,500	77,500		
48			74,000	78,000		
49			74,500	78,500		
50			75,500	79,000		
51			76,000	80,000		
52			76,500			
53			77,500			
54			78,000			
55			78,500			
56			79,500			
57			80,000			

*These figures have been carried forward from Article 6701d-11, Section 5, Subsection (4), when it was amended on December 16, 1974, by Senate Bill 89 of the 64th Legislature, which provided that axle configurations and weights that could be lawfully operated as of that date would continue to be legal under the increased weight limits.

+These figures apply only to an axle spacing greater than 8' but less than 9'.

(Note: The permissible loads are computed to the nearest 500 pounds - Sec. 127 USC, Title 23 and TRC 621.101.)

**TRC Sec. 522.041
COMMERCIAL DRIVER'S LICENSE**



Persons exempt from CDL requirements:

1. Farmer or rancher in a covered farm vehicle
2. Firefighter/emergency vehicle necessary for the preservation of life or property
3. Military Vehicle operated by military personnel
4. Recreational vehicle
5. Person operating a vehicle owned, leased or controlled by an air carrier on the premises of an airport.
6. CMV on private property
7. Operating off road construction equipment
8. Vehicle used exclusively to transport seed cotton modules or cotton burs.

FILE THE HEAVIEST WEIGHT VIOLATION

BASIC WEIGHT LAWS

TIRE WEIGHT RATING = Marked on Side wall of Tire
 SINGLE AXLE = 20,000 lbs.
 TANDEM AXLE = 34,000 lbs.
 MAXIMUM GROSS WEIGHT = 80,000 lbs.

WHEN DETERMINING LEGAL ALLOWED GROSS WEIGHT FOR ANY OF THE ABOVE LISTED WEIGHT LAWS, ALWAYS USE THE MOST RESTRICTIVE AMOUNT ALLOWED BY LAW.

OVER AXLE & OVER GROSS WEIGHT TOLERANCE PERMIT – (TRC 623.011)

Allows for excess Axle and/or Gross Weights to exceed the Basic Weight Law allowances. Do not confuse this permit with other permits issued by TxDOT that route oversize/weight vehicles on Interstate roadways as the 1547 Permit is not valid on the Interstate system.* The inner bridge no longer applies and it may be used to operate on load zoned roads. May not cross load zone bridges over the legal weight unless the bridge provides the ONLY vehicular access.

Vehicles laden with NON-AGRICULTURAL commodities may have:

Maximum Allowable Axle Weight + 10% on all Axles, and
 Maximum Allowable Legal Gross Weight + 5%.

Vehicles laden with AGRICULTURAL commodities may have:

Maximum Allowable Axle Weight + 12% on only one axle or one tandem axle. (TRC 621.508), and
 Maximum Allowable Axle Weight + 10% on all other Axles, and
 Maximum Allowable Legal Gross Weight + 5%.

12% AGRICULTURAL DEFENSE – (TRC 621.508)

1. Applies to a Single or Tandem axle.
2. Stipulation that only one axle will be allowed the 12%, but any inner bridge or allowed gross weight still apply. The product loaded was timber, pulpwood, wood chips, cotton or livestock (live animals) or other agricultural products that are: in their natural state, and being transported to the place of first marketing or first processing. Not valid on the Interstate system.*

READY-MIX CONCRETE or CONCRETE PUMP TRUCKS – (TRC 622.012)

SINGLE AXLE ALLOWED = 23,000 lbs.
 TANDEM AXLE ALLOWED = 46,000 lbs.

The single OR tandem axle weights may be exceeded by 10% with a TxDOT overweight permit issued under Section 623.0171 as long as the gross weight does not exceed 69,000 lbs.

A Ready-Mix or Concrete pump truck must:

1. Present a copy of the TxDOT overweight permit for the Vehicle being operated.
2. Be registered for the actual allowed weight NTE 69,000 lbs.
3. Not valid on the Federal Interstate System, however Federal Interstate Service roads are allowed.
4. May not exceed Tire Load Rating. (FMCSR 393.75f)

NOTE: Ready-Mix concrete is a perishable commodity as is Hot Mix. Use good discretion on how long a vehicle is detained for inspection and/or weighing purposes.

MISCELLANEOUS WEIGHT LAW EXCEPTIONS

SEED COTTON: (TRC 622.953) Single vehicles used for this purpose may not exceed 64,000 lbs. gross weight, regardless of axle or group of axle weight limits. Not valid on the Interstate system.* Be registered for the actual allowed weight.

CHILE PEPPER MODULES: (TRC 622.953) Single motor vehicle used for this purpose may not exceed 54,000 lbs. gross weight, regardless of axle or group weight limits. Not valid on the Interstate system.* Be registered for the actual allowed weight.

ANNUAL TIMBER PERMIT: (TRC 623.321) TxDOT issues annual timber permits for the movement of unrefined timber, wood chips and woody biomass. Vehicles may have up to 44,000 pounds on a tandem axle; the gross weight of the vehicle may not exceed 84,000 pounds. This permit is an annual permit that expires one year from the effective date.
 **Note: Trucks may not exceed Texas legal size limits.

LOG TRUCKS: (TRC 622.0435) Log Trucks may be operated with 80,000 pounds gross weight with a minimum outside bridge measurement of 39 ft. or more. Must be registered for this weight. Not valid on the Interstate system.* Five axles are required and the inner bridge does not apply.

ENFORCEMENT TOLERANCES

All weight violations will have a 1,000 pound tolerance. This includes all vehicles operated with or without permits (including the 12% Agricultural exemption).

Example: Single Axle Weighs 21,000 lbs. = Warning Only
 Single Axle Weighs 21,001 lbs. = Citation

UNLOADING TOLERANCES – (TRC 621.403)

If the gross or axle weight of a motor vehicle which is weighed and is heavier than the maximum weight authorized plus a tolerance allowance equal to five percent of that maximum weight, the weight enforcement officer shall require the operator or owner of the vehicle to unload any weight in excess of the legal weight plus five percent.

UNLOADING EXCEPTIONS – (TRC 621.405)

1. Timber, pulp wood, or agricultural products in their natural state being transported from the place of production to the place of marketing or first processing; or
2. A vehicle crossing a highway where owner owns the land on both sides of the roadway; or
3. Vehicle loaded with livestock (any live animals).

DPS POLICY: If no apparent damage to the highway is occurring and the load is within five (5) miles from the point of origin or destination, the vehicle will be allowed to proceed without unloading.

AXLE & VEHICLE DIAGRAMMING METHODS

Weight enforcement measurements are taken from the center of an axle to the center of the next axle. This distance is recorded in feet. The axle weights will be inserted by the wheel diagrams. Any measurements of six inches or more will be carried to the next highest foot. Example: 236" would be recorded as 24 feet.

Example of how to diagram and record measurements:



*Interstate system no longer includes the service/frontage roads with the exception of a small number which will be designated by TxDOT.

SINGLE VEHICLES TRANSPORTING SOLID WASTE (TRC 623.162 & 623.163)

RECYCLABLE MATERIAL WITH ROLL-OFF CONTAINERS (TRC 622.133 & 622.134)

Steering Axle = 21,000 lbs.
 Tandem Axle = 44,000 lbs.
 Gross Weight = 64,000 lbs.

Solid Waste and Recyclable material vehicles must:

1. Must be a single vehicle and not a combination.
2. Present a copy of the Surety Bond for the vehicle being operated.
3. Not valid on the Interstate system,* and
4. Be registered for the actual allowed weight NTE 64,000 lbs.

OVER WEIGHT VEHICLE STOPPED

TO DETERMINE ALLOWED GROSS WEIGHT

HAS 1547 PERMIT

ALL PUBLIC HIGHWAYS AND PORTS-OF-ENTRY

USE INNER BRIDGE PLUS TIRE RATING ON STEERING AXLE OR USE OVERALL OUTER BRIDGE – THEN WHICHEVER AMOUNT IS MOST RESTRICTIVE, USE THAT NUMBER TO DETERMINE MAXIMUM ALLOWED GROSS WEIGHT.

USE OUTER BRIDGE +5% TO DETERMINE MAXIMUM ALLOWED GROSS WEIGHT
 INNER GROUP OR AXLE CASE WILL NOT APPLY
 MAY TRAVEL ON LOAD ZONE ROADS.
 CAN NOT TRAVEL ACROSS LOAD ZONE BRIDGES UNLESS IT IS THE ONLY VEHICULAR PUBLIC ACCESS.

AIDING AND ABETTING – LOADING OF VEHICLES (TRC 621.503)

A person may not load or cause to be loaded a vehicle for operation on a public highway of this state that exceeds the weight limitations for operation of that vehicle provided by TRC Sec. 621.101.

Intent to violate a limitation is presumed if the weight of the loaded vehicle is heavier than the applicable gross weight limit or axle load limit by 15% or more.

This section does not apply to the loading of an agricultural or a forestry commodity before the commodity is changed in processing from its natural state.