

Massachusetts:

Trailer Summary:

Dimensions: Dimensions shall not exceed: a total length of 60 feet; a width of 102 inches; and a height of 13 feet 6 inches.

Brakes: Every trailer or semi-trailer having an unladen weight of more than ten thousand pounds shall be equipped with air or electric brakes. One braking system shall be so constructed that it can be set to hold the automobile stationary

Lighting/Reflectors: Every motor vehicle and trailer so operated shall be equipped with two rear lights mounted one at each side of the rear of the vehicle so as to show two red lights from behind and a white light so arranged as to illuminate and not obscure the rear number plate and shall be equipped with two stop lights mounted and displayed in a like manner. Every commercial motor vehicle or trailer weighing, with its load, more than twelve thousand pounds, shall, in addition to such rear light, be equipped with a red reflector.

Hitch/Signals: Every trailer, except a semi-trailer, shall, in addition to a regular hitch, be fastened by safety chains to prevent it from breaking away from the towing vehicle. Such chains shall comply with such minimum standards for construction and performance.

Mirrors: Every motor vehicle shall be equipped with at least one mirror so placed and adjusted as to afford the operator a clear, reflected view of the highway to the rear and left side of the vehicle.

Speed Limits: As posted.

Towing: N/A

Other: N/A

CHAPTER 90 MOTOR VEHICLES AND AIRCRAFT

540 CMR 4.02: Special Definitions

Commercial Motor Vehicle. For the purpose of 540 CMR 4.02, any motor vehicle which is not a private passenger motor vehicle, antique motor car, motorcycle, auto home, house trailer, taxicab, ambulance, hearse, livery vehicle, school pupil transport vehicle or off-road equipment. A commercial motor vehicle shall include the following vehicles:

- (a) The vehicle has a gross vehicle weight rating or gross combination weight rating of 10,001 or more lbs. unless such vehicle has a body type of a pickup, sport utility vehicle or van meeting the definition of a private passenger vehicle; or
- (b) The vehicle is designed to transport more than 15 passengers, including the driver; or
- (c) The vehicle is used in the transportation of hazardous materials in a quantity requiring placarding in accordance with the Hazardous Materials Regulations of the United States Department of Transportation. Any commercial motor vehicle that singularly has a gross vehicle weight rating of 10,001 lbs. or less and is designed to meet emissions standards, shall be submitted for an emissions inspection in addition to all applicable safety inspection requirements; or

(d) A single, full or semi trailer, used in commerce, with a manufacturer's gross vehicle weight rating over 3,000 lbs.

PART I ADMINISTRATION OF THE GOVERNMENTNEXT

TITLE XIV PUBLIC WAYS AND WORKSPREV NEXT

CHAPTER 90 MOTOR VEHICLES AND AIRCRAFTPREV NEXT

Section 19 Dimensions and weights of motor vehicles, trucks and trailers

Section 19. Except as otherwise provided in sections nineteen F and nineteen G, or when a vehicle has been authorized by permit to transport an irreducible load, the following provisions shall apply:

No motor vehicle or trailer, the outside width of which is more than one hundred and two inches or the extreme overall length of which is more than thirty-three feet, or in the case of a truck, or house trailer, 40 feet, or, in the case of a motor bus or auto home, 45 feet, or in the case of an articulated bus, sixty feet, or in the case of a traditional automobile transporter, a traditional boat transporter and a truck-trailer boat transporter, sixty-five feet not including load overhang which shall not exceed three feet beyond the foremost part of the front transporting vehicle or more than four feet beyond the rear bed of the body, or in the case of a stringer-steered automobile transporter or stringer-steered boat transporter, seventy-five feet not including load overhang which shall not exceed three feet beyond the foremost part of the front transporting vehicle or more than four feet beyond the rear bed of the body, or in the case of a semi-trailer in a semi-trailer unit or trailer in a tractor-trailer unit, 53 feet, or in the case of a semi-trailer or trailer in tandem unit, twenty-eight feet, or in the case of semi-trailers in a B-train assembly unit, twenty-eight feet, such a length being exclusive of the B-train assembly when being used between the first and second semi-trailer, but the B-train assembly is to be included in the length measure of the semi-trailer when no second semi-trailer is mounted on the B-train assembly with the length limitation of the semi-trailer to be forty-eight feet in that instance, or in the case of a driveaway saddlemount with fullmount vehicle transporter combination including double and triple saddlemount combinations conforming to safety regulations at 49 CFR 393.71, seventy-five feet, shall be operated on any way without a special permit so to operate from the board or officer having charge of such way, or in the case of a state highway or a way determined by the department of highways to be a through route, from said department. The lengths of semi-trailers or trailers operating under the provisions of this section shall be inclusive of load-holding devices and exclusive of safety devices without load-holding capacity. The overall length of any vehicle and trailer combination or semi-trailer combination or any driveaway saddlemount vehicle or fullmount vehicle transporter combination authorized to operate under this section shall not exceed sixty feet or, in the case of a house trailer and tow vehicle combination authorized by this section, 65 feet except as otherwise specifically authorized by this section or authorized by special permit as aforesaid; provided, however that no overall length limitation shall apply to semi-trailer units or tractor-trailer units when the trailer or semi-trailer in such units does not exceed 53 feet, or to tandem units or B-train assembly units when the trailer or semi-trailer in such units does not exceed twenty-eight feet. The one hundred and two inches width provided in this section shall be exclusive of load-induced tire bulge, rearview mirrors, turn signal lamps, shade awnings on auto homes and house trailers, hand-holds for cab entry and

egress and splash and spray suppressant devices; provided, however, that such mirrors and other devices are mounted so as not to cause a hazard to pedestrians on or adjacent to any way. Other safety devices which the department determines are necessary for the safe and efficient operation of motor vehicles shall not be included in the calculation of the one hundred and two inches width specified in this section; provided, however, that such other safety devices may be so mounted and so extend beyond the permitted width only in such manner and to such extent as determined by the department, but in no event shall such safety device extend more than three inches beyond the maximum vehicle width on each side. For the purposes of this section, all appurtenances at the front or rear of a commercial motor vehicle, semi-trailer, or trailer, whose functions relate to the safe and efficient operation of such vehicle, semi-trailer, or trailer, shall be excluded from the length computation of such vehicle, semi-trailer or trailer; provided, however, that such appurtenances shall not be designed or used for carrying cargo. Notwithstanding the provisions of this section authorizing operation of vehicles on ways within the commonwealth, the department for specific safety reasons, may declare individual ways, unavailable for through-route travel by particular vehicles, provided signs are erected to indicate such vehicle exclusions.

Notwithstanding other provisions of this section, the combined overall length of a pole dolly or pole dickey and the load being carried thereon may, while being used for transportation of poles or single units of lumber or metal, exceed forty-eight feet, but the overall length when considered in combination with the motor vehicle accompanying it shall not exceed sixty-five feet or, in the case of an electric company as defined in chapter one hundred and sixty-four, or a telephone company regulated under chapter 166, seventy-five feet, without a special permit as provided for in this paragraph.

Notwithstanding the provisions of this section, no passenger motor vehicle shall be operated on any way if such vehicle has the side wall or thread of any tire projecting outward beyond the outer portion of the fender or side body panel, unless such vehicle is equipped with four-wheel drive or is otherwise modified and intended for off-the-way use. No vehicle shall exceed a height of thirteen feet six inches, except that a special permit may be issued by the board or officer having charge of the ways for the operation of a vehicle of a height in excess of this limitation. The aforesaid dimensions of width, length and height shall be inclusive of the load and load-holding devices. No motor vehicle registered under the provisions of this chapter which has a total height exceeding ten feet, excluding the height of any load thereon shall be operated on any way unless such total height is painted or printed in letters and numerals at least four inches high in a conspicuous place upon the side or front of such vehicle. The foregoing limitations on length shall not apply to any vehicle or combination of vehicles being towed because of disablement or emergency. Except as provided in this section, no trailer which with its load weighs more than five thousand pounds, other than a semitrailer, a heavy duty platform trailer, a cable-reel trailer, a house trailer, a trailer having at least two axles and used to collect and carry bulk milk from dairy farms to processing plants, a trailer which is an apparatus or other object on wheels not used to transport other things for delivery, or a trailer having at least two axles which, when used for agricultural purposes with its load weighs not more than ten thousand pounds; provided, however, that the gross weight of such vehicle as operated does not exceed the gross vehicle weight rating as established by the original manufacturer of the trailer, shall be operated or drawn on any way without a permit so to operate from the board or officer having charge of such way or, in case of a state highway or a way determined by the department to be a through route,

from said department. Any motor vehicle, trailer or other vehicle which carries a crane, or boom whether or not permanently or temporarily attached to said vehicle or trailer shall, if such crane or boom extends more than four feet beyond the bed or body of such vehicle or trailer, display at the extreme rear end of such crane or boom a red light or red flag or cloth in the manner provided in section seven; provided, however, that if such crane or boom extends more than fifteen feet beyond the bed or body of such vehicle or trailer, such vehicle or trailer shall not be operated or drawn on any way unless another vehicle follows immediately behind the projecting extremity of such crane or boom for the purpose of protecting other vehicles approaching from the rear. A trailer which with its load weighs not more than six thousand pounds, or farm machinery or implement which exceeds the maximum width dimensions aforementioned, may be operated, drawn or carried upon any way, if such trailer, farm machinery or implement is used exclusively for agricultural purposes, but this provision shall not prevent any trailer, farm machinery or implement, if used exclusively for such purposes, from being operated without registration upon any way in the manner provided in section nine. A trailer which with its load weighs more than three thousand pounds may be operated or drawn upon any way for a distance not exceeding three hundred yards, if such trailer is used for industrial purposes other than agricultural purposes, for the purpose of going from property owned or occupied by the owner of such trailer to other property so owned or occupied. Unless otherwise specifically authorized by law, no motor vehicle shall be operated on any way to draw more than one trailer or other vehicle without a permit so to operate from the department of highways.

Section 19A Weight limitations for certain motor vehicles, semi-trailers, etc.; scales; penalties for violations

Section 19A. Any provisions of sections thirty and thirty A of chapter eighty-five to the contrary, notwithstanding a motor vehicle having two axles, which vehicle with its load weighs not more than forty-six thousand pounds, and a motor vehicle, trailer, semitrailer, semitrailer unit or tandem unit having three or more axles, which unit or vehicle with its load weighs not more than eighty thousand pounds, may travel on a public way without a permit as required by sections thirty and thirty A of chapter eighty-five; provided, however, that no such motor vehicle, trailer, semitrailer, semitrailer unit or tandem unit, the weight on any axle of which, measured at the ground, exceeds twenty-two thousand four hundred pounds, or, in the case of axles spaced less than six feet apart, eighteen thousand pounds, shall so travel without such a permit; and provided, further, that such motor vehicle, trailer, semitrailer, semitrailer unit or tandem unit may not travel on a public way without such a permit if the overall gross weight on a group of two or more consecutive axles thereof exceeds the gross weight produced by application of the following formula:

$$W = 500 (LN/N-1 + 12N + 36)$$

where W = overall gross weight on any group of two or more consecutive axles to the nearest 500 pounds, L = distance in feet between the extreme of any group of two or more consecutive axles, and N = number of axles in group under consideration except that two consecutive sets of tandem axles may carry a gross load of 34,000 pounds, each providing the overall distance between the first and last axles of such consecutive sets of tandem axles is thirty-six feet or more; provided, that such overall gross weight may not exceed eighty thousand pounds.

Every operator of a motor vehicle operated on a way shall, upon request or direction of any officer authorized to enforce the provisions of this chapter, operate such motor vehicle with any trailer which may be attached thereto to and upon the nearest scales available to the commonwealth within a distance of not more than five miles and permit the weighing thereof together with its load. Whoever refuses to comply with the request or direction of such officer shall be punished by a fine of not less than three hundred nor more than five hundred dollars and the registrar may suspend such operator's license for not more than ninety days. Whenever such vehicle has been so weighed and is found to weigh in excess of the limits provided by this chapter, no person shall further operate it upon a way unless the gross weight shall have been reduced to comply with said limits by removal of the excess weight.

No motor vehicle, trailer, semitrailer, semitrailer unit or tandem unit shall be operated, nor shall the owner or bailee thereof require or authorize such operation, when the gross weight of such motor vehicle, trailer, semitrailer, semitrailer unit or tandem unit exceeds the weight provided by this chapter or that specified in any permit issued by the commissioner of highways under sections thirty and thirty A of chapter eighty-five, whichever is greater, but in no event in excess of the gross weight for which such vehicle is registered, except in the case of a vehicle owned or leased by a carrier that is not domiciled in this commonwealth and which has a permit under section thirty A of chapter eighty-five to operate in excess of its registered gross weight; nor shall any person load or cause to be loaded such vehicle in excess of such weights. If the gross weight of any such motor vehicle, trailer, semitrailer, semitrailer unit or tandem unit does not exceed one hundred and five per cent of the maximum gross weight provided by such permit, such motor vehicle, trailer, semitrailer, semitrailer unit or tandem unit shall not be deemed to be operating in violation of the provisions of sections thirty and thirty A of chapter eighty-five; but if the gross vehicle weight of such motor vehicle, trailer, semitrailer, semitrailer unit or tandem unit does exceed the said one hundred and five per cent of the maximum gross weight provided by said permit, any penalty provided by this chapter shall be determined on the difference between the actual gross weight of such motor vehicle, trailer, semitrailer, semitrailer unit or tandem unit and the weight authorized by this section or the weight authorized by the said permit for such motor vehicle, trailer, semitrailer, semitrailer unit or tandem unit, whichever weight is greater, at the time of such violation.

Upon the finding by an officer authorized to enforce the provisions of this chapter that a motor vehicle, trailer, semitrailer or semitrailer unit exceeds the said one hundred and five per cent of the maximum gross weight provided in said permit, or otherwise violates the conditions of any permit issued under sections thirty and thirty A of chapter eighty-five or section nineteen of this chapter, said officer may exercise reasonable discretion to prevent the continued transport of a load that is the principle cause of the violation. Neither the finding of such violation, nor the exercise of such reasonable discretion, however, shall be construed as nullifying or revoking any such permit, or as having any effect, beyond the actual citation of the violation, on the assessment of any penalties provided under section twenty.

In the weighing of any motor vehicle or trailer or semitrailer or semitrailer unit or tandem unit under this chapter, portable scales may be used; provided, however, that such scales have been approved by the director of standards under section twenty-nine of chapter ninety-eight; and, provided further, that such scales shall be inspected at least once in each year by the director of

standards or his inspectors. No officer authorized to enforce the provisions of this chapter shall detain for weighing on portable scales more than two motor vehicles, with or without trailers or semitrailers attached thereto, at any one place at any one time.

In any prosecution for a violation of this section or of section nineteen or section thirty of chapter eighty-five, a signed certificate on oath of any person appointed under section eighty-seven A of chapter forty-one of the weight of any motor vehicle or trailer or semitrailer shall be admissible in evidence without further proof, and shall constitute prima facie evidence of the weight of the motor vehicle or trailer or semitrailer or semitrailer unit or tandem unit described in such certificate. The said certificate shall be in such form as the registrar shall prescribe and shall be signed and sworn to by a person appointed under said section eighty-seven A and present at the weighing of such motor vehicle or trailer or semitrailer or semitrailer unit or tandem unit, and the court shall take judicial notice of the signature of such person and that he is so appointed.

In any claim for bodily injuries or for damage to property arising out of such direction to a scale location or such weighing, any officer or employee of the commonwealth authorized to enforce the provisions of this chapter may file a written request with the attorney general that the attorney general defend him against an action for damages for bodily injuries, including death, or for damage to property arising out of such officer's enforcement of this section, and the provisions of section three B of chapter twelve shall apply to such action as if it had arisen out of the operation of a motor vehicle.

Notwithstanding the foregoing provisions of this section, nor any contrary provisions of section thirty of chapter eighty-five, a construction type motor vehicle or a motor vehicle designed and used for the hauling of refuse having two axles, which vehicle with its load weighs not more than twenty-three tons, or a motor vehicle carrying bulk feed, or a construction type semitrailer unit or tandem unit or motor vehicle having three axles, or a semitrailer unit or a tandem unit or motor vehicle having three axles while carrying liquid petroleum products, or a motor vehicle having three axles and designed and used for the hauling of refuse, which vehicle with its load weighs not more than thirty tons, may travel on a way while engaged in hauling construction materials or liquid petroleum products or bulk feed or refuse without a permit as required by said section thirty of said chapter eighty-five; provided, however, that the gross weight of such vehicle as operated does not exceed the gross vehicle weight rating as established by the original manufacturer of the chassis; and, provided further, that the vehicle is duly registered in this commonwealth for such weight. The operator of such a vehicle shall at all times comply with the speed limitations as provided by section seventeen.

§ 7. Brakes, braking systems, mufflers, horns, lights, audible warning systems, and other equipment; compliance with safety standards; stickers and emblems

Every motor vehicle operated in or upon any way shall be provided with brakes adequate to control the movement of such vehicle and conforming to rules and regulations made by the registrar, and such brakes shall at all times be maintained in good working order. Every automobile shall be provided with at least two braking systems, one of which shall be the service brake system, and the other shall be the parking brake system, each with a separate means of application, each operating directly or indirectly on at least two wheels and each of

which shall suffice alone to stop said automobile within a proper distance as defined in said rules and regulations; provided, that if such systems are connected, combined or have any part in common, such systems shall be so constructed that a breaking of any one element thereof will not leave the automobile without brakes acting directly or indirectly on at least two wheels; and provided, further, that a tractor having a draw-bar pull rating of ten horse power or less and capable of a maximum speed of not more than eighteen miles an hour and designed specially for use elsewhere than on the traveled part of ways may be operated thereon if equipped with a single braking system which shall suffice to stop such tractor within a proper distance as aforesaid.

Every automobile equipped with an hydraulic braking system whether or not assisted by other means, which provides braking action on four or more wheels, shall be equipped with a service brake system so arranged as to provide separate systems for at least two wheels and so designed and constructed that rupture or leakage-type failure of any single pressure component of the service brake system, except structural failures of the brake master cylinder body, effectiveness indicator body, or other housing common to the divided system, will not result in complete loss of function of the vehicle brakes when force on the brake pedal is continued. "Pressure component" means any internal component of the brake master cylinder or master control unit, wheel brake cylinder, brake line, brake hose, or equivalent, except vacuum assist components. Except in the case of a school bus or fire apparatus, every motor vehicle and every tractor which is designed and used for drawing another vehicle, having an unladen weight of more than ten thousand pounds, shall be equipped with full air brakes or hydraulic brakes with vacuum power assist or air power assist. All braking systems shall be constructed and designed so as to permit modulated control of brake application and release by the operator from the normal operating position. Every trailer or semi-trailer having an unladen weight of more than ten thousand pounds shall be equipped with air or electric brakes. One braking system shall be so constructed that it can be set to hold the automobile stationary. Each motorcycle shall have either a split service brake system or two independently actuated service brake systems. Any motorcycle which has a number or registration plate issued under the provisions of section six A of said chapter ninety or which was not manufactured with either a split service brake system or two independently actuated service brake systems, shall be required to have one brake system adequate to stop said motorcycle within a proper distance, as defined in rules and regulations made by the registrar. Every automobile used on a way by a person in giving driving instruction for compensation shall be equipped with dual brake controls whereby he may apply the brake while the pupil is driving. Every motor vehicle so operated shall be provided with a muffler or other suitable device to prevent unnecessary noise and with a suitable bell, horn or other means of signalling, with suitable lamps, and with a lock, key or other device to prevent such vehicle from being set in motion by unauthorized persons, or otherwise contrary to the will of the owner or person in charge thereof. Every automobile operated during the period from one half an hour after sunset to one half an hour before sunrise, and during any other period when visibility is reduced by atmospheric conditions so as to render dangerous further operation without lights being displayed, shall display at least two lighted white headlamps with at least one mounted at each side of the front of the vehicle or if parked within the limits of a way at least one white or amber light on the side of the automobile nearer the center of the way, and every motorcycle so operated at least one white headlamp and every such motorcycle with a sidecar attached, in addition, one such light on the front of the sidecar, and every motor truck,

trailer and commercial motor vehicle used solely as such, having a carrying capacity of three tons or over, in addition, an amber light attached to the extreme left of the front of such vehicle, so attached and adjusted as to indicate the extreme left lateral extension of the vehicle or load, which shall in all cases aforesaid be visible not less than two hundred feet in the direction toward which the vehicle is proceeding or facing; provided, that an automobile need display no light when parked within the limits of a way in a space in which unlighted parking is permitted by the rules or regulations of the board or officer having control of such way. Every motor vehicle and trailer so operated shall be equipped with two rear lights mounted one at each side of the rear of the vehicle so as to show two red lights from behind and a white light so arranged as to illuminate and not obscure the rear number plate and shall be equipped with two stop lights mounted and displayed in a like manner of a type complying with minimum standards for construction and performance as the registrar may prescribe; provided, however, that a two-wheeled motorcycle, an antique motor car and a farm tractor need be equipped with only one such rear red light and one suitable stop light in addition to the number plate illuminator; and provided, further, that a trailer having a gross weight of three thousand pounds or less which does not obscure the required lights of the towing vehicle need be equipped with only one such rear red light and one white light so arranged as to illuminate and not obscure the rear number plate. No motor vehicle so operated shall mount or display a flashing, rotating or oscillating light in any direction except pursuant to section seven E of this chapter; provided, however, that this shall not apply to the use of rear directional signals nor to the proper use of vehicle hazard warning signals as provided for by this section. In no event, however, shall the registrar prohibit any commercial auto parts dealer, motor vehicle repair shop or station from selling, offering for sale or installing quartz-halogen headlamps which receive a certificate of approval from the American Association of Motor Vehicles Administrators or which meet the standards of the Canadian Standard Association (CSA) nor shall any provision of this section prohibit any person from using, purchasing or installing a quartz-halogen headlamp as herein described. Every motor vehicle or trailer so operated which carries a load or object extending four feet or more beyond the cab or body of such vehicle shall display at the extreme rear end of such load or object a red light plainly visible from a distance of at least five hundred feet to the sides and rear, and shall display in place thereof a red flag or cloth not less than twelve inches square during the period when motor vehicles are not required to display lights. Every commercial motor vehicle or trailer weighing, with its load, more than twelve thousand pounds, shall, in addition to such rear light, be equipped with a red reflector of a type complying with such minimum standards for construction and performance as the registrar may prescribe, so placed at the rear of such vehicle as to reflect rays of light thrown upon such reflector from behind. No headlamp or rear lamp shall be used on any motor vehicle so operated unless such headlamp or rear lamp is of a type complying with such minimum standards for construction and performance as the registrar may prescribe. Every motor vehicle shall be equipped with at least one mirror so placed and adjusted as to afford the operator a clear, reflected view of the highway to the rear and left side of the vehicle. Every motor vehicle or trailer, excepting passenger motor vehicles, operated in or upon any way shall be equipped with suitable guards which will effectively reduce the spray or splash to the rear of mud, water or slush caused by the rear wheels thereof. Every passenger motor vehicle which is equipped with tires which extend beyond the fenders or body of such vehicle and which is operated in or upon any way shall be equipped with flaps or suitable guards to reduce such spray or splash to the rear and sides. Every motor vehicle registered in the commonwealth which is privately owned and operated and designed for the carriage of

passengers and which is used primarily for pleasure or for pleasure and business, including every such vehicle furnished for hire by a rental car agency but excluding every such vehicle used for public or commercial purposes, shall be equipped with two seat safety belts for the use of occupants of the front seats. No safety belt installed in a motor vehicle in accordance with the provisions of this section or in accordance with the provisions of federal law or the rules or regulations issued by the United States Department of Transportation, shall be removed from said motor vehicle except for the purpose of repairs. Every motor vehicle registered in the commonwealth shall be equipped with a device to permit the front and rear directional signals to flash simultaneously, said device to be operated only when the vehicle is disabled or stopped in the event of emergency on or at the side of any way. Every person operating a motorcycle or riding as a passenger on a motorcycle or in a sidecar attached to a motorcycle shall wear protective head gear conforming with such minimum standards of construction and performance as the registrar may prescribe, and no person operating a motorcycle shall permit any other person to ride as a passenger on such motorcycle or in a sidecar attached to such motorcycle unless such passenger is wearing such protective head gear, except that no protective head gear shall be required if the motorcyclist is participating in a properly permitted public parade and is 18 years of age or older. If a motorcycle is not equipped with a windshield or screen, the operator of such motorcycle shall wear eye glasses, goggles or a protective face shield when operating such vehicle. Every motor vehicle truck with dump bodies shall be equipped with an adequate audible warning system to alert the operator when the dump body is in an upright and elevated position. No person operating a motorcycle shall permit any person to ride as a passenger, unless such motorcycle is designed to carry more than one person; and no person operating a motorcycle shall permit a passenger to ride in front of said operator.

Every commercial motor vehicle, or trailer weighing, with its load, more than twelve thousand pounds, and used to deliver gasoline or other flammable material, shall be equipped with an audible warning system when the vehicle's transmission is in reverse. For the purpose of this paragraph, the term commercial motor vehicle or trailer shall mean a bulk tank carrier delivering gasoline or other flammable material.

Every trailer, except a semi-trailer, shall, in addition to a regular hitch, be fastened by safety chains to prevent it from breaking away from the towing vehicle. Such chains shall comply with such minimum standards for construction and performance as the registrar may prescribe.

Notwithstanding the preceding provisions of this section, any commercial motor vehicle, semi-trailer or trailer, used in interstate commerce, which shall conform as to its equipment with the regulations established from time to time by the bureau of motor carrier safety of the United States department of transportation, shall be deemed to conform to the requirements of this section.

No person shall sell, offer for sale or install on, or in, any motor vehicle or trailer, any component, device or substance, other than quartz-halogen lights, which does not comply with the federal motor vehicle safety standard, if any, established for such component, device or substance. Nothing in this act shall prevent the registrar from prescribing minimum standards for any component, device, or substance for which no federal motor vehicle safety standard is or has been established and no person shall sell, offer for sale or install on, or in, any motor vehicle or trailer, any such component, device or substance which does not comply with the said standards so prescribed.

Any tractor or other self propelled vehicle used exclusively for agricultural or farming purposes, excepting automobiles and trucks, the use of which is declared by the owner or person in control

thereof to be restricted to the period from a half hour before sunrise to a half hour after sunset, and which is operated in or upon any way during said period shall be equipped with one stop light or a flashing red light to the rear and with brakes as manufactured, including a stationary brake with ratchet and pawl. Upon declaration by the owner or person in control of such vehicle that the use of such vehicle is to be so restricted, the person making the periodic inspection of motor vehicles and trailers, as provided under section seven A, may, notwithstanding the failure of such restricted tractor or other vehicle to have the necessary lights and other equipment required by the first paragraph of this section, issue a windshield sticker, so called, if the stop light or such flashing light and brakes are in good order. Any windshield sticker so issued shall state thereon that such vehicle is to be used upon the ways of the commonwealth only during the period from a half hour before sunrise to a half hour after sunset. The registrar shall adopt standards and specifications for size, design, mounting, creation and use of a distinctive slow moving vehicle emblem. Every horse-drawn vehicle and every other vehicle designed to operate at twenty-five miles an hour or less, every implement of husbandry, every farm tractor, each piece of special mobile equipment and other machinery, including all road construction and maintenance machinery and every low-speed motor vehicle, traveling on a public way during day or night shall display on the rear of the vehicle such emblem. The use of such emblem shall be in addition to any lighting devices, flags or other equipment required by law. Use of such emblem as a clearance marker or on wide machinery or on stationary objects on the highways is prohibited.