

than a gauge indicating vacuum, readily audible or visible to the driver, which will operate at any time the vacuum in the vehicle's supply reservoir or reserve capacity is less than 8 inches of mercury.

(3) Combination of Warning Devices. When a vehicle required to be equipped with a warning device is equipped with both air and vacuum power for the operation of its own brakes or the brakes on a towed vehicle, the warning devices may be, but are not required to be, combined into a single device that serves both purposes. A gauge or gauges indicating pressure or vacuum is not an adequate means of satisfying this requirement.

(L) (1) IN THIS SUBSECTION, "SURGE BRAKES" MEANS A BRAKING SYSTEM DESIGNED TO ACTIVATE THE BRAKES OF A VEHICLE BEING TOWED AS A RESULT OF THE FORWARD PRESSURE OF THE VEHICLE AGAINST THE TOWING VEHICLE DURING DECELERATION.

(2) A TRAILER OR SEMITRAILER MAY BE EQUIPPED WITH SURGE BRAKES IF:

(I) THE TRAILER OR SEMITRAILER HAS A MANUFACTURER'S GROSS VEHICLE WEIGHT RATING, OR REGISTERED WEIGHT, WHICHEVER IS LESS, OF 10,000 POUNDS OR LESS;

(II) THE COMBINED GROSS VEHICLE WEIGHT RATING, COMBINED REGISTERED WEIGHT, AND THE GROSS COMBINATION WEIGHT OF THE TRAILER OR SEMITRAILER AND THE TOWING VEHICLE IS 26,000 POUNDS OR LESS;

(III) THE VEHICLE OR COMBINATION OF VEHICLES IS NOT DESIGNED OR USED TO TRANSPORT 16 OR MORE PASSENGERS INCLUDING THE DRIVER OF THE TOWING VEHICLE;

(IV) THE ACTUAL GROSS WEIGHT OF THE TRAILER OR SEMITRAILER AND LOAD DOES NOT EXCEED THE MANUFACTURER'S GROSS VEHICLE WEIGHT RATING OR REGISTERED WEIGHT, WHICHEVER IS LESS;

(V) THE ACTUAL GROSS WEIGHT OF THE TOWING VEHICLE AND LOAD DOES NOT EXCEED THE MANUFACTURER'S GROSS VEHICLE WEIGHT RATING OR REGISTERED WEIGHT, WHICHEVER IS LESS;

(VI) THE TRAILER OR SEMITRAILER BRAKES ARE DESIGNED AND CONNECTED IN SUCH A MANNER THAT IN CASE OF ACCIDENTAL BREAKAWAY OF THE TOWED VEHICLE, THE BRAKES WILL APPLY AUTOMATICALLY;

(VII) THE VEHICLE OR COMBINATION OF VEHICLES IS NOT USED TO TRANSPORT HAZARDOUS MATERIALS OF A TYPE AND QUANTITY THAT REQUIRES PLACARDING;

(VIII) THE VEHICLE OR COMBINATION OF VEHICLES IS NOT USED TO TRANSPORT LIQUIDS OR GASES CONTAINED IN PACKAGING THAT EXCEEDS A CAPACITY OF 119 GALLONS;