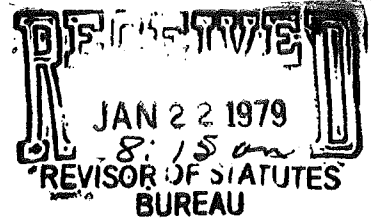


MVD 17

C E R T I F I C A T E



STATE OF WISCONSIN )  
DEPARTMENT OF TRANSPORTATION ) ss

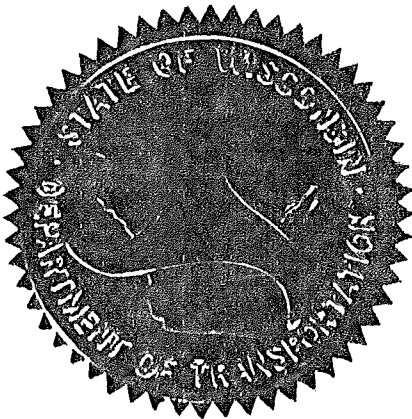
TO ALL WHOM THESE PRESENTS SHALL COME, GREETINGS:

I, Lowell Jackson, Secretary of the Department of Transportation and custodian of the official records of the Department do hereby certify that the annexed rules relating to school busses and transportation of school children was duly approved and adopted by the Department this 18<sup>th</sup> day of January, 1979.

I also certify that these rules have received prior approval as required under section 110.06(2), Wis. Stats.

I further certify that the copy has been compared by me with the original on file in the Department and that the same is a true copy thereof, and of the whole of the original.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the official seal of the Department of Transportation at the Hill Farms State Office Building in the City of Madison, this 18<sup>th</sup> day of January, 1979.



Lowell B. Jackson  
Lowell Jackson  
Secretary  
Wisconsin Department of Transportation

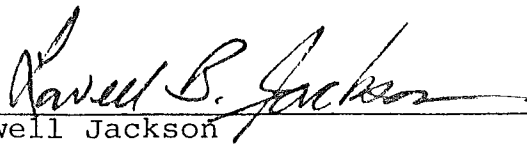
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In the Matter of the Adoption of :  
Amendments to Chapter MVD 17, : ORDER ADOPTING  
Wis. Admin. Code, Relating to : RULES  
Transportation of School Children :

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Pursuant to the authority vested in the Department of Transportation by sections 110.06(2) and 227.014, Wis. Stats., the Secretary hereby repeals MVD 17.07(17), renumbers MVD 17.18(1)(b) and (2)(b), (c) and (d) and 17.21(8), amends MVD 17.07(15)(a), 17.09(2) and (3), 17.11(1), 17.18(1)(a), 17.20(6) and (10), 17.21(7), 17.25(4)(a), 17.26(1), 17.27(1), 17.28(2), (3) and (4), 17.40(1)(d)1, 17.45(4) and (5), 17.50(3), 17.80(2), 17.82(7), 17.95(4)(a) and (5)(a) and 17.95(6)(b), repeals and recreates MVD 17.95(6)(a) and (c) and creates MVD 17.21(8), 17.40(2), 17.45(7) and 17.48(12) relating to transportation of school children in the form and manner of the rule text annexed hereto and incorporated herein by reference.

Signed at Madison, Wisconsin, this 18<sup>th</sup> day of  
January, 1979.



Lowell Jackson  
Secretary  
Wisconsin Department of Transportation



DOT/OAS  
MMR  
1/17/79

1. MVD 17.07(15)(a) is amended to read:

"MVD 17.07(15) STOPPING AT RAILROAD CROSSINGS. (a) The driver of a bus required to stop at a railroad crossing by section 346.45 Wis. Stats., shall come to a full stop at a distance of not less than 15 feet nor more than 50 feet before crossing at grade any track of a railroad. The hazard warning lights shall be used when the bus is slowing for the stop and shall remain on until the vehicle has resumed normal speed. While the vehicle is so stopped, the driver shall open the service door and listen and look in both directions along such track for any approaching train and for signals indicating the approach of a train. After stopping and upon proceeding when it is safe to do so, the driver of such vehicle shall cross only in such gear of the vehicle as will make it unnecessary to manually shift gears while traversing the crossing and he shall not shift gears while traversing the crossing. The door shall remain open until the front wheels of the bus has have cleared the first set of tracks for each required stop. If the bus is a school van not equipped with a service door controlled from the driver's seat, opening of the service door is not required provided the driver lowers the window to the left and provided that the service door glass is kept free of frost and fog."

2. MVD 17.07(17) is repealed.

3. MVD 17.09(2) and (3) are amended to read:

"MVD 17.09(2) A vehicle with an "Out of Service" sticker displayed shall be re-inspected and the sticker removed by an agent of the ~~motor-vehicle-administrator~~ department of transportation prior to re-use as a school bus.

(3) It shall be illegal for any person other than an agent of the ~~administrator-of-the-division-of-motor-vehicles~~ department of transportation to remove an "Out of Service" sticker unless the vehicle has the base school bus registration removed and is re-registered with some other base plate and converted to meet the requirements of MVD 17.10."

4. MVD 17.11(1) is amended to read:

"MVD 17.11 ADOPTION OF STANDARDS. (1) Pursuant to section 227.025 Wis. Stats., the attorney general and the revisor of statutes have consented to the incorporation by reference of the following standards. Copies of the references are on file in the offices of the ~~division-of-motor-vehicles~~ department of transportation, the secretary of state, and the revisor of statutes."

5. MVD 17.18(1)(a) is amended to read:

"MVD 17.18(1) FRONT. (a) For vehicles 10,000 pounds G.V.W.R. and over ~~7-the:~~ 1. The front bumper shall ~~be-a-pressed-steel channel~~ not be constructed of wood. and It shall have not less than a an 8 inch face and shall extend to protect the outer edges of the fenders."

6. MVD 17.18(1)(b) is renumbered MVD 17.18(1)(a)2.

7. MVD 17.18(2)(a) is amended to read:

"MVD 17.18(2) REAR. (a) For vehicles 10,000 pounds G.V.W.R. and over~~7-the~~: 1. The rear bumper shall be a pressed-steel channel not be constructed of wood. and It shall have not less than a an 8 inch face. It shall wrap around the rear corners of the body to a point 12 inches forward as measured from the face of the bumper."

8. MVD 17.18(2)(b), (c) and (d) are renumbered MVD 17.18(2)(a)2, 3 and 4 respectively.

9. MVD 17.20(6) and (10) are amended to read:

"MVD 17.20(6) Each school bus body manufacturer of any body-on-chassis type of vehicle shall submit a basic paint scheme with one alternate (if desired) to the ~~administrator, division of motor-vehicles~~ department of transportation for approval. This annual report is due by December 15 for those vehicles to be marketed in Wisconsin during the following calendar year. Revisions in the declared paint scheme by a manufacturer will require the ~~administrator's~~ department's approval prior to its introduction into Wisconsin for any purpose. This is required for each size of vehicle. The annual report to the ~~motor-vehicle administrator~~ department shall indicate the color of the specific items enumerated in subsection (4). Pictures and schematics in addition to the narrative may be submitted to illustrate the manufacturers' plans for meeting Wisconsin color requirements.

(10) Retro reflective material is permitted on rub rails, snow rails, SCHOOL BUS lettering, and bumpers or other locations approved by the ~~administrator, division of motor vehicles~~ department of transportation."

10. MVD 17.21(7) is amended to read:

"MVD 17.21(7) Annually between December 1 and December 15, school bus manufacturers shall certify to the ~~administrator of the division of motor vehicles~~ department of transportation that all school buses manufactured for sale in Wisconsin in the following calendar year will comply with MVD 17.21."

11. MVD 17.21(8) is renumbered MVD 17.21(9).

12. MVD 17.21(8) is created to read:

"MVD 17.21(8) Every school bus body manufacturer shall stamp the letters "WI" either preceding or following the body identification number to indicate that the bus body was built to meet Wisconsin school bus construction standards. This subsection does not apply to vehicles in use as school buses prior to March 1, 1979.

13. MVD 17.25(4)(a) is amended to read:

"MVD 17.25(4)(a) The inside of each emergency window or door shall have the designation "Emergency Exit" ~~followed by.~~ Concise operating instructions shall be located within 6 inches of the release mechanism. When a release mechanism is not located within an occupant space of an adjacent seat, a label meeting the requirements of FMVSS 217 that indicates the location of the nearest mechanism shall be placed within that occupant space. If the exit has no adjacent seat, the marking must meet the legibility

requirements of FMVSS 217 for occupants standing in the aisle location nearest the emergency exit. The outside of the emergency door shall be clearly marked "Emergency Door" or "Emergency Exit" in letters 2 inches high at the top of the door ~~or on the door below the top pane of glass and an.~~ An arrow at least 6 inches long and 3/4 inch in width indicating the direction the release mechanism should be turned to open the door shall be painted in black on the yellow background. The outside of the emergency window shall be labeled "Emergency Exit" in letters at least 2 inches high, directly ~~below~~ above the window."

14. MVD 17.26(1) is amended to read:

"MVD 17.26(1) The exhaust system which includes the exhaust manifolds, joining gaskets, piping leading from the exhaust manifold, the muffler(s) and tail pipe(s) shall not enter the bus body at any location and shall be attached or suspended from the chassis frame. The exhaust system pipes shall be of non-flexible 16 gauge steel or equivalent ~~and.~~ The exhaust system pipes shall extend to, but not beyond, the rear limit of the bumper or to the body limits on the left side of the bus behind the driver's compartment, except that in all cases in which the fuel tank is located on the left side of the bus, the exhaust system pipes shall extend to, but not beyond, the rear limit of the bumper. The complete exhaust system shall be tightly connected and free from leaks and shall be properly insulated from the electrical wirings or any combustible part of the bus. The exhaust system shall not

pass within 12 inches of the fuel tank and ~~it's~~ its connection, or any flexible brake system hose unless a suitable heat baffle is used in which case a minimum exhaust system separation of 1.5 inches shall be maintained to the fuel tank, its fittings, and any flexible brake system hoses."

15. MVD 17.27(1) is amended to read:

"MVD 17.27(1) Each bus shall be equipped with fire extinguishers ~~of-a-type-approved-by-and-bearing-the-label-of-the laboratories-of-the-National-Board-of-Fire-Underwriters, 207-E.-Ohio-Street, Chicago, Illinois, 60611.--~~ Extinguishers shall-be mounted in full view in the driver's compartment or ~~it-may-be~~ mounted inside a compartment in the driver's area if the compartment is in plain view and is labeled "Fire Extinguisher" in red letters to indicate its location ~~of-the extinguisher.~~"

16. MVD 17.28(2), (3) and (4) are amended to read:

"MVD 17.28(2) A school bus manufactured after January 1, 1978 with a passenger carrying capacity of 8 or more persons shall have a 24 unit kit containing the following:

- Adhesive bandage, 1-inch . . . . . 2 packets
- Bandage compress, 2-inch . . . . . 3 packets
- Bandage compress, 4-inch . . . . . 8 packets
- Gauze bandage, 4-inch . . . . . 2 packets
- Gauze compress, 3-inch x 3-inch . . . . . 2 packets
- Gauze compress, 24-inch x ~~72-inch~~ 24-inch minimum . . . . . 2 packets
- Triangular bandage, 40-inch . . . . . 2 packets
- Wire splint . . . . . 2 packets
- Tongue depressor or bite bar. . . . . 1 packet



(3) School buses manufactured prior to January 1, 1978 may comply with these requirements or may carry the 16 unit kit with the following:

- Adhesive bandage, 1-inch. . . . . 2 packets
- Bandage compress, 2-inch. . . . . 2 packets
- Bandage compress, 4-inch. . . . . 4 packets
- Gauze bandage, 4-inch . . . . . 2 packets
- Gauze compress, 3-inch x 3-inch . . . . . 2 packets
- Gauze compress, 24-inch x ~~72-inch~~ 24-inch minimum . . . 1 packet
- Triangular bandage, 40-inch . . . . . 2 packets
- Wire splint . . . . . 1 packet

All 16 unit kits shall carry these items after January 1, 1978.

(4) A school bus with a passenger carrying capacity of 7 or less persons shall have a 10 unit kit containing the following:

- Adhesive bandage, 1-inch. . . . . 2 packets
- Bandage compress, 2-inch. . . . . 2 packets
- Bandage compress, 4-inch. . . . . 4 packets
- Gauze compress, 24-inch x ~~72-inch~~ 24-inch minimum . . . 1 packet
- Triangular bandage, 40-inch . . . . . 1 packet"

17. MVD 17.40(1)(d)1 is amended to read:

"MVD 17.40(1)(d) Direction (turn signal) lamps. 1. There shall be at or near the front, facing forward, one amber turn signal light on each side of the vertical centerline mounted at the same height, as wide as practicable. The vehicle may be equipped with signals mounted in the body. If not equipped with body mounted front turn signals, double faced signals shall be installed either on the fender or hood and shall not extend beyond the outer edge of the fender but shall be as wide as practicable. Mounting shall not be higher than the bottom of the windshield or lower than the headlamps. This subdivision does not apply to vehicles of less than 10,000 pounds G.V.W.R. provided the vehicle meets the requirements of s. 347.15, Wis. Stats."

18. MVD 17.40(2) is created to read:

"MVD 17.40(2) A strobe light, the use of which is permitted under s. 347.25(2), Wis. Stats., is an optional piece of equipment to be used at the operator's discretion. The unit shall only be installed and used on a school bus that is painted the yellow and black color scheme and shall comply with the following requirements:

(a) The strobe light shall be of solid state construction. It shall emit a white light by flashing, not rotating, 360 degrees around the vertical axis. The unit shall be so designed that when properly mounted on the roof there shall be no strobe source directly visible to the driver of an automobile within 500 feet of the school bus. A manufacturer may certify to the department of transportation that a particular unit or model meets the requirements of this section and section 347.25(2), Wis. Stats. Such certification may be used by the department for information purposes when requested by prospective purchasers.

(b) The strobe light shall be capable of operating continuously without any significant change in the flash rate under all operating conditions or weather extremes experienced in this state. The flash rate shall be no less than 60 nor more than 120 per minute. The double flash effect shall be counted as a single flash.

(c) The electronic power supply circuit shall provide a minimum of 10 joules to the strobe tube. The flash shall be

so designed that there is a double flash or pulsing of the flash tube. The effect will produce an apparent double flash with an interval before another double flash. The double flash may have different intensities with the first flash having the highest intensity. A singular or steady flash, even though within the specified flash rate, does not meet the above requirements.

(d) The strobe light shall be permanently mounted on the centerline of the bus roof at or near the center when measured from the foremost to the rearmost edge of the roof, except that a tolerance of one foot from the exact center when measured on the centerline is permissible. No strobe unit may extend more than 6-1/2 inches above the roof where it is mounted. School buses manufactured prior to January 1, 1979 may utilize a wiring system that lies flush with and on the exterior of the roof. No school bus manufactured after that date may have external wiring.

(e) The unit shall be wired with a independent switch with an indicator light in the driver's compartment showing when the light is in operation."

19. MVD 17.45(4) and (5) are amended to read:

"MVD 17.45 (4) The minimum distance between the steering wheel and the back rest of the driver's seat shall be 11 inches. The operator's seat shall be rigidly positioned, shall have vertical adjustment and fore and aft adjustment of not less than 4 inches, without the use of tools or other devices. It shall have adjustments to meet the needs of the driver. A vehicle of less than 10,000 pounds G.V.W.R. need not have a vertical adjustment feature.

(5) A minimum of 36 inches of headroom for the sitting position above the top of the undepressed cushion line of all seats shall be provided. Measurement shall be made vertically not more than 7 11 inches from the side wall at cushion height and at the fore and aft center of cushion."

20. MVD 17.45(7) is created to read:

"MVD 17.45(7) The requirements of FMVSS 222 do not apply to school buses used exclusively to transport persons as provided in s. 340.01(56)(a)4, Wis. Stats.

21. MVD 17.48(12) is created to read:

"MVD 17.48(12) In addition to any other sign or decal permitted or required on a school bus, the following signing designating routes to students is optional:

(a) An additional metal holder may be mounted on the forward side of the right rear view mirror bracket. The holder shall not be larger than the size of the mirror. The holder shall be used for the purpose of displaying a number not to exceed four numerals. The holder may be constructed of aluminum stock. If the holder is painted it shall be painted black. The holder shall be mounted in a lengthwise (up and down) position similar to the rear view mirror. The holder may be offset from the center so as not to increase the area of the "blind spot" observable by the driver.

(b) An additional metal holder may be mounted on the right side of the bus immediately to the rear of the service door and

beneath the foremost window. The holder shall not exceed the dimensions specified in par. (a). The holder shall not project on the side of the bus by more than the thickness of the metal. The holder shall not have any sharp edges capable of injuring persons near the bus. The holder may be constructed of aluminum stock. If painted it shall be painted to conform to the paint immediately adjacent to it. If a combination of black and yellow is covered by the holder, the paint shall accurately reflect what is covered. If a rub rail is covered, this portion must be black, if it is painted. Any other portion shall be yellow if the holder is painted. The signing used in this holder shall be black print on a yellow background consisting of the following:

1. A route number corresponding to the route number identified on the mirror bracket holder.

2. School or schools to which this particular bus is transporting students.

(c) The holder permitted in par. (b) shall not be used for any other purposes than for the identification of bus routing.

(d) This subsection shall take effect July 1, 1979."

22. MVD 17.50(3) is amended to read:

"MVD 17.50(3) Steps shall be enclosed to prevent accumulation of ice and snow. The entranceway shall be equipped with a stepwell light."

23. MVD 17.80(2) is amended to read:

"MVD 17.80(2) Any school bus used for transporting handicapped persons in wheel chairs shall be equipped with a side ramp or lift located on right side of body, with no attachment to the exterior of the body, but completely contained and securely fastened within the perimeter of the school bus body when not in operation."

24. MVD 17.82(7) is amended to read:

"MVD 17.82(7) Platform shall lock mechanically in the up position and the lock shall function with the doors open or shut."

25. MVD 17.95(4) (a) and (5) (a) are amended to read:

"MVD 17.95(4) INSPECTION. (a) Upon notification by the ~~administrator of the division of motor vehicles or his representative~~ department of transportation, or the department of public instruction, or any public school official, the owner or operator shall present all school buses for inspection at the time and place designated. No bus shall be operated in pupil transportation until it has been approved for such operation by the ~~division of motor vehicles~~ department of transportation.

(5) PENALTIES. (a) Violations of any provision of chapter MVD 17 shall be prosecuted under the governing statute. Where no penalty is provided the violation shall be prosecuted as set forth in section ~~340.04(3)~~ 341.04(3), Wis. Stats."

26. MVD 17.95(6) (a) is repealed and recreated to read:

"MVD 17.95(6) APPLICABILITY (a) All buses put into operation as school buses in this state on March 1, 1979 shall comply with the provisions of this chapter.

27. MVD 17.95(6)(b) is amended to read:

"MVD 17.95(6)(b) ~~Buses~~ Except as provided in par. (c),  
buses placed in service as school buses in Wisconsin prior to  
~~July 17, 1977~~ March 1, 1979 shall comply with the administrative  
code in effect at the time they were first put in such service."

28. MVD 17.95(6)(c) is repealed and recreated to read:

"MVD 17.95(6)(c) Buses put into service as school buses  
in Wisconsin prior to March 1, 1979 may comply with any or all  
of the provisions of this chapter in effect on March 1, 1979."

(End)