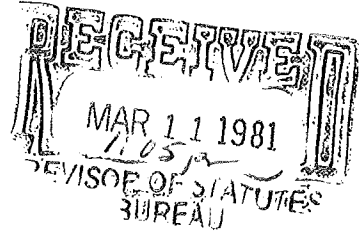


CR 80-199

C E R T I F I C A T E

STATE OF WISCONSIN)
) ss
DEPARTMENT OF TRANSPORTATION)



TO ALL TO WHOM THESE PRESENTS MAY COME:

I, Lowell B. Jackson, Secretary of the Wisconsin Department of Transportation and custodian of the official records of the Department, do hereby certify that the annexed rule relating to equipment standards for specially designed vehicles was duly approved and adopted by this Department on March 6, 1981.

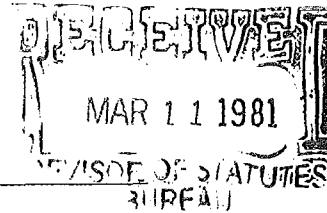
I further certify that this copy has been compared by me with the original on file in this Department and that the same is a true copy thereof, and of the whole of such original.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the official seal of the Department at the Hill Farms State Office Building in the City of Madison, Wisconsin, this 6th day of March, 1981.



Lowell B. Jackson
Lowell B. Jackson, P.E.
Secretary
Wisconsin Department of
Transportation

IN THE MATTER OF (CR 80-199)	:	
CHAPTER TRANS 303, WIS.	:	ORDER
ADMIN. CODE, RELATING TO	:	ADOPTING
EQUIPMENT STANDARDS FOR	:	RULES
SPECIAL VEHICLES	:	



Analysis Prepared by Wisconsin Department of Transportation

Chapter 345, Laws of 1979, authorizes the department to establish rules relating to equipment standards for special vehicles registered under s. 341.067, Stats., and operated under the provisions of s. 343.075, Stats., and s. 343.135, Stats. The equipment standards are authorized to differ from equipment standards under Chapter 347, Stats.

The following major items are part of the rule:

1. TRANS 303.03 includes the statutory definition of a motor bicycle and a definition for a specially designed vehicle. These two vehicles are defined as there may be instances where a motor bicycle could qualify as a specially designed vehicle. Hours of darkness is defined as equipment standards differ for vehicles operated during daylight hours from those operated during hours of darkness.
2. TRANS 303.04 is a statement that indicates the options available to register a motor bicycle or a special vehicle.
3. TRANS 303.05 enumerates the equipment requirements for a vehicle registered as a motor bicycle. Requirements are established for daylight operation with additional requirements for operation during hours of darkness. These are the equipment standards established by statute but are brought together in this order for ready reference.
4. TRANS 303.06 enumerates the equipment requirements for special vehicles. Requirements are established for daylight operation with additional requirements for operation during hours of darkness. These standards are established for the safety and well being of the operator. These requirements will alert the approaching motorist to the special vehicle.
5. TRANS 303.07 indicates that special vehicles require inspection by the department prior to operation on the highway. It also indicates that additional equipment may be required by special driver license restrictions.

6. TRANS 303.08 provides that certain vehicles cannot qualify for registration as special vehicles because of the safety hazard under conditions likely to be encountered on the highway.

Fiscal Estimate

Current estimates are that no more than twenty (20) special vehicles will be registered each year. Based on this estimate, the administrative costs will be absorbed.

Pursuant to the authority vested in the Department of Transportation by s. 110.06, 227.014, and 347.02(6), Stats., the Secretary of Transportation hereby adopts rules for vehicles operated under s. 343.135, Stats., as follows:

RULE TEXT

TRANS 303.01 Purpose. The purpose of this chapter is to establish minimum equipment safety standards for special vehicles operated on the highway which are registered under s. 341.067, Stats., and are operated by persons licensed under s. 343.075, Stats., and s. 343.135, Stats.

TRANS 303.02 Scope. This rule is intended to meet the requirements of s. 347.02(6), Stats., to establish minimum special equipment standards for vehicles operated under s. 343.135, Stats., and registered under s. 341.067, Stats. The standards for vehicles covered by this chapter that have not been certified by the manufacturer as meeting all applicable federal safety standards are permitted to differ from equipment requirements in Chapter 347, Stats., by s. 347.02(6), Stats., but shall meet the requirements of this chapter. The rule

addresses the requirements for motor bicycles and specially designed vehicles.

TRANS 303.03 Definitions. (1) "Hours of darkness" means hours of darkness as defined in s. 340.01(23), Stats.

(2) "Moped" means a moped as defined in s. 340.01(29m), Stats., with a maximum speed of 30 miles per hour.

(3) "Motor bicycle" means a motor bicycle as defined in s. 340.01(30), Stats., with a maximum speed of 25 miles per hour.

(4) "Power driven cycle" means a power driven cycle as defined in s. 340.01(45), Stats., with a maximum speed of 35 miles per hour.

(5) "Specially designed vehicle" or "special vehicle" means a home built, a reconstructed, or a manufactured vehicle having a maximum speed of 35 miles per hour and authorized by the department to be operated on the highway under s. 341.067, Stats., s. 343.075, Stats., and s. 343.135, Stats.

TRANS 303.04 Registration Options. Any vehicle defined in subs. 303.03(2) to (4) may, due to individual use, be registered as a special vehicle.

TRANS 303.05 Motor Bicycle Equipment Requirements. Those vehicles registered as a motor bicycle will be required to be equipped as provided in statute and this section with the following equipment:

(1) Brakes. No person may operate a motor bicycle upon a highway unless the motor bicycle is equipped with at least

one brake capable of stopping the vehicle within 25 feet from a speed of 20 miles per hour. The brake may be designed to be operated either by hand or by foot. The brake shall be of sound design with the disc or brake drum directly connected or integral with the rear wheel and with internal-expanding brake shoes or engaging discs. The wheel rim shall qualify as the disc or brake drum. The design shall permit simple and easy adjustment to compensate for wear. If the brake control is hand-operated, there shall be no other controls linked to it.

(2) Headlamp, as prescribed in s. 347.09(1)(c), s. 347.11, Stats.

(3) Horn, electric, as prescribed in s. 347.38, Stats.

(4) Muffler, as prescribed in s. 347.39, Stats.

(5) Rear view mirror, as prescribed in s. 347.40, Stats.

(6) Tail lamp, as prescribed in s. 347.13, Stats.

TRANS 303.06 Special Vehicle Equipment Requirements. (1)

The following equipment is required for daylight operation on all specially designed vehicles covered by this chapter unless the vehicle is expressly exempted:

(a) Horn. There shall be a horn in good working order audible from a distance of 200 feet. The horn shall be electrically activated. The horn shall not be a siren or compression whistle.

(b) Rear view mirror. There shall be at least one rear view mirror.

(c) Muffler. A muffler is required on all internal combustion engines. The muffler shall consist of a series of chambers of baffle plates or other mechanical design for receiving exhaust gases from the internal combustion engine and which is effective in reducing noise.

(d) Service brake. There shall be a service brake which can be applied by hand or foot or both. The braking device shall be capable of stopping the vehicle within 25 feet from a speed of 20 miles per hour.

(e) Parking brakes. There shall be parking brakes adequate to hold the vehicle on any grade on which it is operated on a surface free from snow, ice, or loose material. The parking brakes shall be capable of being applied by the driver's muscular effort or by spring action or by equivalent means. Motor bicycles registered as specially designed vehicles are exempt from this requirement.

(f) Stop lamp. There shall be at least one but not more than 2 stop lamps mounted on the same plane. Stop lamps shall be mounted no more than 54 inches nor less than 20 inches above the ground. Stop lamps shall emit a red color visible from 300 feet to the rear. Motor bicycles registered as specially designed vehicles are exempt from this requirement.

(g) Slow moving vehicle emblem. The emblem shall be mounted with the point up with the lower edge of the emblem no more than 54 inches nor less than 10 inches above the

ground. A slow moving vehicle emblem meeting the requirements of s. MVD 22.03, Wis. Adm. Code, or of a reduced size shall be used. However, there shall be a minimum distance of 6 inches between the lower edge and the upper point with corresponding reduction in width for symmetrical appearance. Motor bicycles registered as specially designed vehicles may, but need not, comply with this requirement.

(h) Flag on staff. There shall be a pennant type flag mounted on a staff at or near the rear of the vehicle. The flag shall be of durable material. The flag shall be high visibility orange. It shall be triangular shaped, no larger than 12 inches long and 6 inches high and not less than 6 inches long and 3 inches high. The staff shall not be higher than 72 inches nor less than 60 inches above the ground. The flag shall be attached to the top of the staff.

(2) The following equipment is required on all specially designed vehicles operated during hours of darkness in addition to the equipment required for daylight operation unless the vehicle is expressly exempted:

(a) Headlamp. There shall be at least one headlamp but not more than 2 headlamps mounted on the same plane. The headlamp shall be mounted not more than 54 inches or less than 24 inches above the level surface on which the vehicle stands. The headlamps must be of sufficient intensity to reveal persons and vehicles at a distance of at least 100 feet ahead.

(b) Tail lamp. There shall be at least one tail lamp but not more than 2 tail lamps. The tail lamps shall be mounted not more than 54 inches or less than 20 inches above the level surface on which the vehicle stands. The tail lamp shall emit a red light plainly visible from 500 feet to the rear.

(c) Turn signals. There shall be 2 turn signal lamps showing to the front and 2 turn signal lamps showing to the rear of the vehicle so as to indicate intention to turn right or left. Lamps showing to the front shall be located on the same level and shall project a white or amber light. Lamps showing to the rear shall be located on the same level and shall project a red or amber light to the rear and shall be plainly visible from all distances to 300 feet. Motor bicycles registered as specially designed vehicles are exempt from this requirement.

(d) Registration plate lamp. There shall be a registration plate lamp so constructed and placed as to illuminate with a white light the registration plate and to render it clearly visible from a distance of 50 feet to the rear. This lamp may be incorporated with the tail lamp. Motor bicycles registered as specially designed vehicles are exempt from this requirement.

TRANS 303.07 Special Requirements. (1) Specially designed vehicles shall be inspected by the department prior to being operated on the highway.

(2) Additional equipment may be required by special driver license restrictions.

TRANS 303.08 Vehicles Not Qualified as Special Vehicles.


(1) The following vehicles shall not be registered under s. 341.067, Stats.:

- (a) Snowmobiles.
- (b) Mini-bikes.
- (c) Go-carts.
- (d) All terrain vehicles.
- (e) Automobiles.
- (f) Trucks.

(2) The foregoing enumeration is intended to be illustrative and does not exclude other vehicles which are designed for other purposes.

The rules contained in this order shall take effect upon publication as provided in s. 227.026(1), Stats.

Signed at Madison, Wisconsin, this 6th day of March, 1981.



Lowell B. Jackson, P.E.
Secretary
Wisconsin Department of
Transportation



State of Wisconsin \

DEPARTMENT OF TRANSPORTATION



PLEASE REPLY TO:

OFFICE OF GENERAL COUNSEL

4802 Sheboygan Avenue

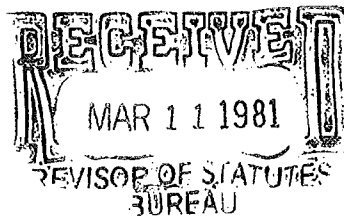
P. O. Box 7910

Madison, WI 53707

Telephone: (608) 266-8810

March 6, 1981

Mr. Orlan Prestegard
Revisor of Statutes
Room 411 West, Capitol
Madison, WI 53702



Dear Mr. Prestegard:

Enclosed for filing under sec. 227.027 is an order adopting rules by the Department of Transportation. This rule relates to equipment standards for special vehicles registered under s. 341.067, Stats., and operated under the provisions of s. 343.075, Stats., and s. 343.135, Stats.

Sincerely,

Holly M. Luth

Holly M. Luth
Legal Secretary

HL
Enclosure