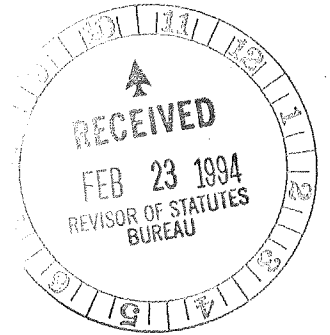


CR 93-142

CERTIFICATE

STATE OF WISCONSIN)
) ss.
DEPARTMENT OF TRANSPORTATION)



TO ALL WHOM THESE PRESENTS SHALL COME, GREETINGS:

I, CHARLES H. THOMPSON, Secretary of the Wisconsin Department of Transportation and custodian of the official records, do hereby certify that the rule, relating to **ambulance inspection**, was duly approved and adopted by this Department on February 22, 1994.

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.

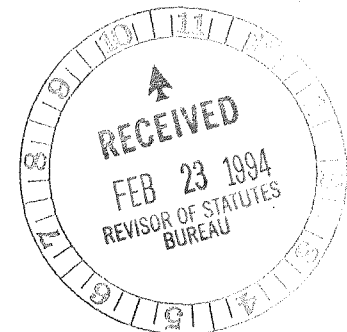


IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the official seal of the Department of Transportation at 4802 Sheboygan Avenue, in the City of Madison, Wisconsin, this 22 day of February, 1994.

Charles H. Thompson

CHARLES H. THOMPSON
Secretary

IN THE MATTER OF an Order Adopting Rule **REPEALING** Trans 309.02(2) and (11), 309.03(3)(b)1.b., 309.19, 309.24(1)(k), (L) and (s), (z) and (za), and 309.25; **RENUMBERING** Trans 309.02(3), (5), (10), (13) and (14); 309.03(3)(b)1.c. and d., 309.24(1)(c) to (e) and (j), and 309.25(1)(b) and (c); **RENUMBERING AND AMENDING** Trans 309.02(6), (9) and (12), 309.20, 309.24(1)(b), (f), (g), (h), (i) and (r), (2) and (3); **AMENDING** Trans 309.01(3)(a), 309.03(title), (1), (3)(a) and (b)1(intro.), 309.04(1), 309.05(1)(d) and (3)(b), 309.06, 309.07(1) and (4), 309.09(1)(a) and (2), 309.15(1), (2)(a)5, (b) and (e), 309.16(2) and (3), 309.18, 309 subch. III(title), 309.21, 309.22, 309.23(1) and (3), 309.24(1)(a), (m), (p), (q), (w)3 and (x), 309.25(1)(a); **REPEALING AND RECREATING** Trans 309.02(4) and (8), 309.17, 309.23(4) and 309.24(1)(t); and **CREATING** Trans 309.24(1)(b), (h), (r), (z), (za), (zb), (zc), (zd), (2) and (5), 309.25(1)(b), (e) to (p) and (2), Wisconsin Administrative Code, relating to ambulance inspection.

ORDER ADOPTING RULE**Analysis Prepared by the Wisconsin Department of Transportation**

STATUTORY AUTHORITY: ss. 227.11 and 341.085, Stats.

STATUTE INTERPRETED: s. 341.085, Stats.

General Summary of Rule. Section 341.085, Stats., authorizes the Wisconsin Department of Transportation to inspect all ambulances prior to issuing an original or renewal registration. It also authorizes the adoption of rules necessary for the administration of the section and to prescribe ambulance service equipment and standards.

This rule updates the list of equipment that, at a minimum, must be present on the vehicle and in the ambulance to promote the best possible care and safe transportation of a patient. A number of items critical to patient care which were left out of the current rule have been added to this rule, and some little used or unnecessary required items were deleted from the current rule.

Provisions in this rule have been made allowing for manufacturing changes in the ambulance industry, such as allowing for liquid oxygen systems and changing required oxygen outlet locations.

Changes have also been made to make the ambulance a safer work environment for the EMT.

This rule also updates the requirements, policies and procedures for the ambulance inspection program, and the vehicle and equipment standards.

Sections 11, 14, 18 and 26 deleted any reference to the "Star of Life" symbol or markings for ambulances. Section 27 amends the lettering and marking requirements for ambulances. It requires all units placed in service 3 months after the effective date of this rule to have a reflectorized striping, that may include lettering, of not less than 4 inches wide encircling the entire ambulance body excluding the front end.

Section 29 requires that cot stretchers have shoulder straps. Section 32 requires that an ambulance carry 2 child size oxygen masks. Section 34 requires that an ambulance carry a child size bag resuscitator without a sponge rubber inside.

Section 44 requires that an ambulance carry a child size spinal immobilization device with appropriate straps. Section 50 requires an ambulance carry an orthopedic break-apart stretcher, 2 adult, 2 child size and 2 infant size rigid cervical collars. It also requires two cervical-head immobilization devices capable of being attached to spine boards. Section 51 created a section for one patient-use items.

Sections 52 and 56 substituted 3 noncombustible red light sticks for 3 flares. They deleted certain extrication equipment that the ambulance must carry and simplified the list of remaining equipment.

Fiscal Estimate. The Department estimates that there will be no significant fiscal effect on the liabilities or revenues of any county, city, village, town, school district, vocational, technical and adult education district or sewerage district. The Department estimates that there will be no significant fiscal effect on state revenues or liabilities.

Final Regulatory Flexibility Analysis. The amendments to this rule will have a very limited impact on small businesses. Only minimal additional requirements in equipment are required. Some items currently required are being eliminated.

Preparation and Copies of Rule. This analysis was prepared by Capt. Robert Young, Wisconsin State Patrol, Wisconsin Department of Transportation, P. O. Box 7912, 4802 Sheboygan Avenue, Madison, WI 53707-7912, telephone (608) 267-9522. Copies of the rule can be obtained upon request, free of charge, by writing to the Division of State Patrol at the above address or by calling (608) 266-6936.

TEXT OF RULE

Under the authority vested in the state of Wisconsin, department of transportation, by ss. 227.11 and 341.085, Stats., the department of transportation hereby amends a rule interpreting s. 341.085, Stats., relating to ambulance inspection.

SECTION 1. Trans 309.01(3)(a) is amended to read:

Trans 309.01(3)(a) This chapter shall be construed ~~liberally~~ by the department to reasonably effectuate the legislative purpose of promoting safe, efficient emergency transportation for the sick, injured and disabled.

SECTION 2. Trans 309.02(2) is repealed.

SECTION 3. Trans 309.02(3) is renumbered 309.02(2).

SECTION 4. Trans 309.02(4) is repealed and recreated to read:

Trans 309.02(4) "EMT" has the meaning given in s. 146.50(1)(e), Stats.

SECTION 5. Trans 309.02(5) is renumbered 309.02(3).

SECTION 6. Trans 309.02(6) is renumbered 309.02(5) and amended to read:

Trans 309.02(5) "EMT-intermediate" means an emergency medical ~~technician (EMT)-intermediate~~ technician-intermediate as defined in s. ~~HSS 111.04(3)~~ 111.03(5).

SECTION 7. Trans 309.02(8) is repealed and recreated to read:

Trans 309.02(8) "Medical director" means a medical director as defined in s. 146.50(1)(j), Stats.

SECTION 9. Trans 309.02(9) is renumbered 309.02(6) and amended to read:

Trans 309.02(6) "~~Paramedic~~ EMT-paramedic" means an emergency medical ~~technician-advanced (paramedic)~~ technician-paramedic as defined in s. ~~146.35(1)~~ 146.50(1)(h), Stats.

SECTION 10. Trans 309.02(10) is renumbered 309.02(9).

SECTION 11. Trans 309.02(11) is repealed.

SECTION 12. Trans 309.02(12) is renumbered 309.02(10) and amended to read:

Trans 309.02(10) "Type I ambulance" means a motor truck with a modular unit having a rear window opening ~~into~~ or a walk-through from the cab to the modular unit.

SECTION 13. Trans 309.02(13) and (14) are renumbered 309.02(11) and (12).

SECTION 14. Trans 309.03(title), (1), (3)(a) and (b)1(intro.) are amended to read:

Trans 309.03 (title) INSPECTIONS. (1) No person may use any motor vehicle for the purpose of providing ambulance services unless the vehicle has been inspected ~~and approved~~ annually by the department for use as an ambulance in this state. Except as otherwise provided, each ambulance so inspected shall meet the minimum standards applicable to that vehicle under subchs. II and III. Each ambulance shall be inspected annually and shall be inspected upon upgrade to a higher level of provider service.

(3)(a) Except as provided in sub. (4), if upon inspection a vehicle is found to be unsafe or improperly constructed or equipped for use as an ambulance, or if the ambulance service provider's license has been revoked, the inspector shall attach an "OUT OF SERVICE" sticker to the glass in the rear door of the vehicle. A vehicle may not be put in service as an ambulance while the sticker is so displayed. Except as provided in par. (b), the "OUT OF SERVICE" sticker may be removed only by a department authorized inspector and only after the deficiencies noted on the inspection report have been corrected, or the ambulance provider's license has been reinstated, and the vehicle has been reinspected and approved by the department.

(b)1(intro.). If a vehicle that has been declared "out of service" is no longer to serve as an ambulance, the owner or lessee of the vehicle shall remove the "OUT OF SERVICE" sticker and all special ~~ambulance~~ ambulance markings and features from the vehicle, including:

SECTION 15. Trans 309.03(3)(b)1.b. is repealed.

SECTION 16. Trans 309.03(3)(b)1.c. and d. are renumbered 309.03(3)(b)1.b. and c.

SECTION 17. Trans 309.04(1) is amended to read:

Trans 309.04(1) In recognition of their highly specialized design, construction, equipment and function, mobile intensive care units and intensive care vehicles designed and equipped for neonatology medical services, that are used only for transportation of patients between hospitals, are exempt from the vehicle equipment standards prescribed in ss. Trans 309.09 to 309.11, 309.14, 309.15(3) to (5), 309.18, and 309.19 and 309.20 and subch. III.

SECTION 18. Trans 309.05(1)(d) and (3)(b) are amended to read:

Trans 309.05(1)(d) Install the ~~3000-liter, M-size~~ oxygen equipment with 120 cubic feet capacity if hospital type piped oxygen is provided and there is insufficient room for ~~an M-size cylinder~~ oxygen equipment with 120 cubic feet capacity.

(3)(b) At least 54 inches in height and there is at least 39 inches of space between the surface of the ~~litter cot~~ cot and the ceiling. ~~Any ambulance that is continued in service under this subsection that does not meet all other requirements of this chapter may not display the "Star of Life" symbol.~~

SECTION 19. Trans 309.06 is amended to read:

Trans 309.06 SALE OR LEASE OF NEW OR USED VEHICLES FOR USE AS AMBULANCES. Any person selling or leasing any new or used vehicle that is intended to be used as an ambulance shall provide the purchaser or lessee with a written notice stating that the vehicle complies with the requirements of ~~this chapter~~ ss. 309.09 to 309.16.

SECTION 20. Trans 309.07(1) and (4) are amended to read:

Trans 309.07 VARIANCES. (1) Any licensed ambulance service provider having an ambulance that is subject to s. Trans 309.05(3), but which does not meet the interior dimensional specifications listed in s. Trans 309.05(3)(a) and (b), may apply to the department for a variance to permit the continued operation of that vehicle as an ambulance under this chapter.

(4) The department shall recognize as valid all waivers of variances issued to licensed ambulance service providers by the department of health and social services ~~under H 20.03(4)(f)~~ prior to July 1, 1979.

SECTION 21. Trans 309.09(1)(a) and (2) are amended to read:

Trans 309.09(1)(a) Length. Measured from the partition to the inside edge of the rear loading doors, the patient compartment shall be not less than 116 inches in length. There shall be not less than 25 inches and not more than 30 inches of unobstructed space at the head of the primary patient, measured from the face of the backrest of the ~~attendant's~~ EMT's seat to the forward edge of the primary cot.

(2) The interior of the body shall be free of all unnecessary projections. It shall be maintained in a sanitary condition. All hangers or supports for equipment and devices shall be mounted as flush as possible with the surrounding surface when not in use. Padding shall be placed at all head area obstructions which may prove dangerous to persons moving about in the patient compartment. Other exposed edges shall be beveled with not less than a 1/8 inch radius or chamfer, and a 1/2 to 1 inch radius on exposed corners. The finish of the entire patient compartment including interiors of storage cabinets shall be impervious to soap and water, disinfectants and mildew and shall be fire resistant. Any floor to wall surface joints shall be sealed with an impervious sealant.

SECTION 22. Trans 309.15(1), (2)(a)5, (b) and (e) are amended to read:

Trans 309.15 EXTERIOR AMBULANCE LIGHTING. (1) GENERAL LAMPS.

Ambulances shall be equipped with headlamps, directional signal lamps, tail lamps, stop lamps, parking lamps, sidemarker lamps, license plate lamps, backup lamps, hazard warning lamps, clearance lamps and spot lamps meeting the requirements of ch. 347, Stats. ~~Alternating headlamps are not permitted.~~

(2)(a)5 At least 2, red or red and white, flashing or rotating warning lamps located in, on, behind or in front of the vehicle's radiator grill. The lamps shall be designed and mounted so as to be plainly ~~visable~~ visible and understandable from a distance of 500 feet during both normal sunlight and hours of darkness.

(b) The lights required in par. (a)1 may be replaced with a light bar with ~~at least 2~~ or more rotating red or red and white lights which covers the same area.

(e) Ambulance service providers shall not be required to alter emergency warning lamps already installed on ambulances in service prior to ~~the effective date of this rule~~ November 1, 1986.

SECTION 23. Trans 309.16(2) and (3) are amended to read:

Trans 309.16(2) PATIENT COMPARTMENT. The patient compartment shall be equipped with overhead or dome lighting and switch panel lighting. Only white colored lamps or lenses may be used in the patient compartment. Patient compartment lights shall be automatically activated when the entrance doors are opened or when otherwise controlled by the driver's master switch. Interior light fixtures shall ~~be nearly flush mounted and may~~ not protrude more than 1.5 inches. ~~Florescent~~ Fluorescent lights that operate on 12 volts may be used, but they ~~may~~ shall not extend more than 4 inches from the mounting surface. ~~Florescent~~ Fluorescent

fixtures may be mounted at the intersection of the ceiling and walls, and shall be equipped with ~~removeable~~ removable covers that positively lock in place.

(3) ILLUMINATION LEVELS. Normal illumination in all patient areas shall be not less than 15 foot candle intensity measured along the entire center line of the clear floor without any outside ambient light. The primary cot and squad bench shall be provided with 35 to 55 foot candles of illumination measured on at least 90% of their surface. Lighting levels shall be controlled by the ~~ambulance attendant~~ EMT with switches or with a fireproofed underwriter's laboratory approved rheostat.

SECTION 24. Trans 309.17 is repealed and recreated to read:

Trans 309.17 SIREN AND PUBLIC ADDRESS SYSTEM. (1) Each ambulance shall have an electric or electronic siren and public address system with radio amplification capacity. The siren or siren speakers shall be mounted below the windshield and forward of the front wheels. The siren shall produce wail and yelp sound patterns. The wail sound pattern shall have both automatic and manual controls.

(2) Ambulance service providers shall not be required to alter siren mountings already installed on ambulances in service prior to the effective date of this rule.

SECTION 25. Trans 309.18 is amended to read:

Trans 309.18 COMMUNICATIONS. (1) Each ambulance shall have a permanently mounted radio to contact the hospital emergency department of the hospital it serves. There shall be a microphone and speaker permanently mounted in the patient compartment. The radio shall comply with ch. HSS 110.

(2) Each ambulance service provider operating ambulances staffed either wholly or partially with EMT-intermediates, EMT-defibrillator, EMT-epinephrine or paramedics ~~EMT-~~

paramedics shall have ~~"walkie-talkie"~~ or remote 2-way communications contact for personnel when they are away from the ambulance.

SECTION 26. Trans 309.19 is repealed.

SECTION 27. Trans 309.20 is renumbered 309.19 and amended to read:

Trans 309.19 (title) LETTERING AND MARKINGS ON AMBULANCES. (1) Any ambulance ~~on which the "Star of Life" symbol is not displayed~~ may be painted any color or combination of colors and shall bear the lettering and markings prescribed in sub. (2).

(2) The material for lettering and marking shall be a color contrasting with the color of the ambulance. The use of reflectorized material for the lettering and markings is preferred, but is not mandatory. The lettering and markings shall be of the type, size, ~~color~~ and location as follows:

~~(a) Front markings. (a) The word "AMBULANCE" or "RESCUE SQUAD" in block letters not less than 4 inches high shall be centered above the grill. The use of mirror image lettering on the front marking is preferred, but is not mandatory.~~

~~(b) Side and rear markings. The word "AMBULANCE" or "RESCUE SQUAD" in block letters not less than 6 inches high shall be placed on each side and on the rear of the vehicle body.~~

(b) Reflectorized striping totaling not less than 4 inches wide shall encircle the entire ambulance body excluding the front end. The top edge of this stripe shall be no higher than 48 inches above the ground. This stripe may be broken up by wheel wells, hinges, handles, windows or lights. Reflectorized lettering may be included as part of this striping. This striping requirement shall apply to all units placed in service 3 months after the effective date of this rule.

SECTION 28. Chapter Trans 309 subchapter III (title) is amended to read:

Subchapter III (title)

EQUIPMENT STANDARDS

SECTION 29. Trans 309.21 and 309.22 are amended to read:

Trans 309.21 STRETCHERS, COTS AND RESTRAINTS. (1) Every ambulance shall

be equipped with the following: one commercial elevating wheeled cot maintained in good working order made up with a sheet, ~~2 blankets~~ a blanket and a pillow; one bench seat or a non-elevating wheeled cot-bench; and a chair stretcher or a combination stretcher chair with legs and 2 wheels, designed to permit a patient to be carried on stairways and through other narrow areas. Each ambulance shall be equipped with a crash stable slide, center mounted, or equivalent cot fastener assembly of the quick release type to secure the elevating wheeled cot and the non-elevating wheeled cot-bench to the ambulance body. The cot fastener assembly shall be the manufacturer's approved bracket for the cot used.

(2) At least 3 strap-type restraining devices for the chest, hip and knee shall be provided for each stretcher, bench seat and cot to prevent longitudinal or transverse dislodgement of the patient during transit. Shoulder straps shall be required on the cot stretcher. Restraining straps shall be made of nylon or equivalent material and shall be at least 2 inches wide. The straps shall be constructed as a 2-piece assembly with quick release buckles and shall be removable for easy cleaning.

(3) Every ambulance shall be equipped with ~~seat~~ safety belts for the driver and each passenger in the driver compartment; a ~~seat~~ safety belt for the ~~ambulance attendant's~~ EMT's seat in the patient compartment; and 3 sets of ~~seat~~ safety belts for the bench seat or non-elevating wheeled cot-bench in the patient compartment.

Trans 309.22 SUCTION ASPIRATOR SYSTEM. (1) An engine vacuum operated or electrically powered suction aspirator system shall be provided ~~for the primary patient in the~~ patient's compartment. The installed suction system shall be powerful enough to provide an air flow of at least 20 liters per minute at the end of the delivery tube and a vacuum of at least 300 millimeters of mercury to be reached within 4 seconds after the tube is clamped. The suction line shall be securely fastened to prevent damage, but shall remain accessible for inspection and repair. The engine vacuum type aspirator system shall be connected to a check valve and reservoir chamber having a volume of not less than 575 cubic inches, in line between the vacuum source and the aspirator. Aspiration suction shall be connected to a single, plug-in, self-sealing valve. The suction line connection shall be a labeled, plug-in outlet located near the oxygen outlets, but far enough away to permit easy handling of necessary component parts. The suction system shall include 2 mating outlet fittings or a yoke for the valve connection. The aspirator unit shall be securely mounted and located near the primary patient. The vacuum indicator gauge shall be approximately 3 inches in diameter, with readout increments of not less than 10 mm. Hg., and numerical markers at least every 100 mm. Hg. The total range shall be at least 0- to 300 mm. Hg. The vacuum adjuster shut-off valves, either in combination or separately controlled, shall control vacuum setting within 10 mm. Hg. and discontinue aspiration instantly. The collecting bottle shall be nonbreakable and transparent with not less than 500 cc holding capacity. One spare nonbreakable suction collecting bottle shall be stored nearby if a disposable bag is not used. The following accessories shall be furnished and stored to be readily available: one suction rinsing water bottle; one semi-rigid nonmetallic pharyngeal suction tip; at least one spare suction tip and at least one adult and one infant catheters; one 6-foot length or more of translucent wide bore, nonkinking suction tubing, reasonably thick walled to prevent its collapse under high suction.

(2) Every ambulance shall be equipped with a portable suction unit providing a vacuum of at least 300 mm. Hg., and a free airflow rate of at least 15 liters per minute. ~~Portable canister suction units may not be used.~~ Units shall be Oxygen oxygen or battery powered units shall be capable of providing at least ~~30~~ 20 minutes of continuous ~~suction~~ operation at the required vacuum and flow levels. The portable suction unit shall be fitted with one 3-foot length or more wide bore, clear, nonkinking suction tubing and a rigid nonmetallic pharyngeal suction tip and applicable accessories and controls.

SECTION 30. Trans 309.23(1) and (3) are amended to read:

Trans 309.23 OXYGEN EQUIPMENT. (1) The ambulance shall have a hospital type piped oxygen system capable of storing and supplying a ~~minimum~~ minimum of 3,000 liters 120 cubic feet of medical oxygen. The main oxygen supply shall ~~be provided by at least one "M" size cylinder, painted green with~~ have a minimum of 500 pounds PSI. The oxygen ~~eylinders~~ containers shall be ~~located~~ secured in a storage compartment. The cylinder controls shall be accessible from inside the vehicle. The pressure gauge shall be visible from the ~~ambulance attendant's~~ EMT's seat or squad bench ~~and from the site where the cylinder change is accomplished.~~ The piped oxygen system shall include a reducing valve, a nonadjustable pressure regulator preset to 50 PSI line pressure installed at the cylinder, and nonferrous piping and low pressure hoses suitable for medical oxygen. Oxygen piping shall be concealed and not exposed to the elements or damage, securely supported, and readily accessible for inspection and replacement. Oxygen shall be piped to self-sealing outlets. One duplex oxygen outlet station for the primary patient shall be located on the ~~action wall recessed area~~ or a single outlet on the action wall and a single outlet on the ceiling above the cot, and one oxygen outlet for the secondary patient shall be located at the squad bench. The oxygen wall outlet for the primary

patient shall be equipped with a plug-in flowmeter and delivery tube located within 40 inches of the ambulance attendant's EMT's seat. The flowmeter shall be capable of delivering at least 15 liters per minute.

(3) ~~Space shall be provided for a~~ A portable oxygen unit shall be carried. It shall be located near a patient compartment door and shall be ~~reachable~~ accessible from outside of the ambulance. The portable oxygen unit shall have at least a ~~300-liter "D" size cylinder, painted green~~ 13 cubic foot container and shall be equipped with a yoke, a pressure gauge, a non-gravity dependent flowmeter, a delivery tube and oxygen masks. The portable oxygen supply shall have a minimum 500 PSI. The unit shall be capable of delivering an oxygen flow of at least 15 liters per minute. Portable cylinders or kits located in the patient compartment shall be secured with quick-release securing fittings. A full spare cylinder shall be stored in the ambulance. Oxygen masks, with or without bags, shall be semi-open, valveless, transparent and easy to clean and decontaminate, or shall be disposable.

SECTION 31. Trans 309.23(4) is repealed and recreated to read:

Trans 309.23(4) Each oxygen container shall be of the proper color to correspond with the color-coding system employed.

SECTION 32. Trans 309.24(1)(a) is amended to read:

Trans 309.23(1)(a) Two adult, 2 child, and 2 pediatric infant size oxygen masks.

SECTION 33. Trans 309.24(1)(b) is renumbered 309.24(1)(c) and amended to read:

(c) Two sets of oral airways from size 1 one to 6.

SECTION 34. Trans 309.24(1)(b) is created to read:

Trans 309.24(1)(b) Three bag resuscitators without a sponge rubber inside. One bag shall be an adult size, one shall be a child size, and one shall be an infant size.

SECTION 35. Trans 309.24(1)(c) to (e) are renumbered 309.24(1)(d) to (f).

SECTION 36. Trans 309.24(1)(f) and (g) are renumbered 309.24(1)(g) and (i) and amended to read:

Trans 309.24(1)(g) ~~Not less than 12~~ Twelve soft-rolled, self-adhering bandages, 3 inches wide or larger.

(i) Two rolls of adhesive medical tape, 1 inch or larger.

SECTION 37. Trans 309.24(1)(h) is renumbered 309.24(1)(j) and amended to read:

Trans 309.24(1)(j) Two sterile burn sheets.

SECTION 38. Trans 309.24(1)(h) is created to read:

Trans 309.24(1)(h) A sterile occlusive dressing at least 3 inches by 9 inches.

SECTION 39. Trans 309.24(1)(i) is renumbered 309.24(1)(k) and amended to read:

Trans 309.24(1)(k) ~~Not less than 6~~ Six triangular bandages.

SECTION 40. Trans 309.24(1)(j) is renumbered 309.24(1)(L).

SECTION 41. Trans 309.24(1)(k) and (L) are repealed.

SECTION 42. Trans 309.24(1)(m), (p) and (q) are amended to read:

Trans 309.24(1)(m) One adult, one ~~pediatric~~ child and one large adult blood pressure cuff calibrated to + or - 4 mm₂ Hg.

(p) One short spine board or comparable adult extrication device with appropriate straps.

(q) One long spine board or comparable spinal immobilization device with appropriate straps.

SECTION 43. Trans 309.24(1)(r) is renumbered 309.24(1)(s) and amended to read:

Trans 309.24(1)(s) Padded board splints: ~~4.5 feet x 3 inches, 2 each; 3 feet x 3 inches, 2 each; 15 inches x 3 inches, 2 each~~ or comparable splinting devices. ~~At the option of the~~

~~registrant, similar splints of cardboard, plastic, wire ladder, malleable aluminum or canvas slotted lace in construction may be carried in place of the 3-foot and 15-inch long board splints.~~

SECTION 44. Trans 309.24(1)(r) is created to read:

Trans 309.24(1)(r) A child size spine board or comparable spinal immobilization device with appropriate straps.

SECTION 45. Trans 309.24(1)(s) is repealed.

SECTION 46. Trans 309.24(1)(t) is repealed and recreated to read:

Trans 309.24(1)(t) Two liters of sterile saline irrigation solution in plastic containers.

SECTION 47. Trans 309.24(1)(w)3 is amended to read:

Trans 309.24(1)(w)3 ~~Measuring~~ A single use measuring device calibrated in milliliters or ½ tablespoons.

SECTION 48. Trans 309.24(1)(x) is amended to read:

Trans 309.24(1)(x) A laryngoscope and set of blades ~~containing~~ in adult and pediatric sizes, or disposable one-piece laryngoscopes in adult and pediatric sizes.

SECTION 49. Trans 309.24(z) and (za) are repealed.

SECTION 50. Trans 309.24(1)(z), (za), (zb), (zc) and (zd) are created to read:

Trans 309.24(1)(z) An orthopedic break apart stretcher of sufficient rigid construction so as to facilitate spinal immobilization.

(za) Rigid cervical collars; 2 adult, 2 child and 2 infant.

(zb) Three surgical masks.

(zc) Liquid glucose in single patient use containers.

(zd) Two cervical-head immobilizer devices capable of being attached to spine boards.

SECTION 51. Trans 309.24(2) and (3) are renumbered 309.24(3) and (4) and amended to read:

Trans 309.24(3) In addition to the medical and surgical equipment specified in sub. (1), ambulances staffed with EMT-intermediates shall be equipped with the following:

(a) Sterile intravenous infusion agents, preferably in plastic bags containers, with necessary IV starting equipment.

(b) Subcutaneous injection equipment.

(c) ~~Esophageal obturator airway or gastric tube airway or both.~~ Two advanced airways.

(d) Prepackaged medications, drugs and solutions specified in the standard operating procedures approved by the medical director of the service.

(4) In addition to the medical and surgical equipment specified in subs. (1), ~~and (2) and (3)~~, ambulances staffed by paramedics EMT-paramedics shall carry the following:

(a) Electrocardiogram monitor with tape printout.

(b) Defibrillator.

(c) Intubation equipment as specified by the ~~coordinating physician~~ medical director of the service.

(d) Medications and drugs specified in the standard operating procedures approved by the ~~coordinating physician~~ medical director of the service.

SECTION 52. Trans 309.24(2) is created to read:

Trans 309.24(2) The following are one patient-use items and shall remain sealed until the time of use. Unsealed containers of the following shall not be kept:

(a) Sterile saline solution.

(b) Syrup of Ipecac.

(c) Activated charcoal.

(d) Liquid glucose.

(e) Epinephrine as specified in the standard operating procedures approved by the medical director of the service. Two ampules or 2 preloaded syringes, or 2 adult and 2 child automatic injection devices or epinephrine.

SECTION 53. Trans 309.24(5) is created to read:

Trans 309.24(5) No medications, drugs, fluids, solutions or containers shall be kept beyond their expiration date.

SECTION 54. Trans 309.25 is repealed.

SECTION 55. Trans 309.26 is renumbered 309.25 and, as renumbered, 309.25(1)(a) is amended to read:

Trans 309.25(1)(a) One 5-pound minimum fire extinguisher ~~unit~~ with a 10BC rating in a quick-release bracket, mounted in the cab section or ~~body and reachable~~ an outside compartment and accessible from outside the ambulance.

SECTION 56. Trans 309.25(1)(b) and (c) are renumbered 309.25(1)(c) and (d).

SECTION 57. Trans 309.25(1)(b) is created to read:

Trans 309.25(1)(b) One 2-pound minimum fire extinguisher with a 10BC rating mounted in a bracket in the patient compartment.

SECTION 58. Trans 309.25(1)(e) to (p) and (2) are created to read:

Trans 309.25(1)(e) Three reflectors or 3 noncombustible red light sticks with a minimum of one-hour service duration.

(f) One 12-inch adjustable wrench.

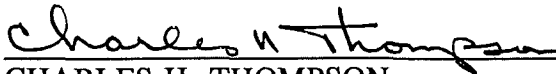
(g) One screwdriver for slot head screws with a ¼ inch blade.

- (h) One #2 Phillips screwdriver.
 - (i) One hacksaw and 12-inch blades.
 - (j) One 10-inch locking grip pliers.
 - (k) One 16 oz. hammer.
 - (l) One 24-inch wrecking bar.
 - (m) Impact resistant eye protection.
 - (n) One pair of leather gloves.
 - (o) One roll of 2-inch duct tape.
 - (p) A spring loaded center punch.
- (2) Small hand tools shall be contained in a single pouch style carrying device or a tool box.

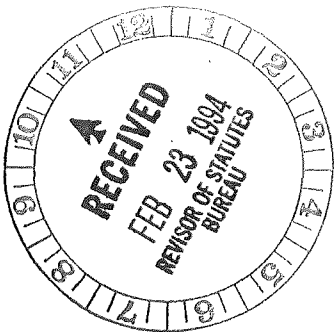
(END OF RULE TEXT)

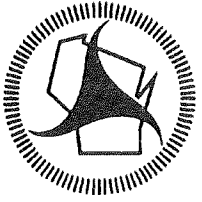
Effective Date. This rule shall take effect on the first day of the month following publication in the Wisconsin Administrative Register as provided in s. 227.22(2), Stats.

Signed at Madison, Wisconsin, this 22 day of February, 1994.



CHARLES H. THOMPSON
Secretary
Wisconsin Department of Transportation





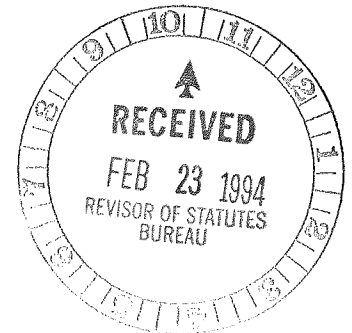
Wisconsin Department of Transportation

Tommy G. Thompson
Governor

Charles H. Thompson
Secretary

OFFICE OF GENERAL COUNSEL
P. O. Box 7910
Madison, WI 53707-7910

February 22, 1994



Mr. Gary Poulson
Deputy Revisor of Statutes
131 West Wilson Street, Suite 800
Madison, Wisconsin 53703

RE: CLEARINGHOUSE RULE 93-142

In the Matter of the Adoption of **TRANS 309**, Wisconsin Administrative Code, relating to **ambulance inspection**.

Dear *Gary* Poulson:

Enclosed for filing, pursuant to s. 227.20, Wis. Stats., is a certified copy of **CR 93-142**, an administrative rule relating to the above-mentioned matter. This rule is submitted by the Wisconsin Department of Transportation.

Sincerely,

Julie A. Johnson
Julie A. Johnson
Paralegal

Enclosures

cc: Tom Walker
Dorothy Kapke
Jim McDonnell
Bill Singletary
Bob Young
J. P. Ford