

CHAPTER 4690
EMERGENCY MEDICAL SERVICES
REGULATORY BOARD
AMBULANCE SERVICES

AMBULANCE SERVICE RULES	SCHEDULED AMBULANCE SERVICES
4690.0100 DEFINITIONS.	4690.2800 STANDARDS FOR OPERATION OF SCHEDULED AMBULANCE SERVICES.
APPLICATIONS FOR LICENSURE	4690.3100 DISASTERS.
4690.0200 CONTENTS OF ALL APPLICATIONS.	4690.3200 ADVERTISEMENT.
BASIC AMBULANCE SERVICES	4690.3300 ENFORCEMENT PROVISIONS.
4690.0800 RESTRICTED TREATMENTS AND PROCEDURES.	PRIMARY SERVICE AREA
4690.1400 MAINTENANCE, SANITATION, AND TESTING OF EQUIPMENT.	4690.3400 DESIGNATION OF PRIMARY SERVICE AREA.
AMBULANCE STANDARDS	4690.3600 AMBULANCE SERVICES PROVIDED BY AIR.
4690.1500 LAND AMBULANCES.	INTERMEDIATE EMERGENCY CARE COURSE PROGRAM
4690.1800 MAINTENANCE AND SANITATION OF AMBULANCES.	4690.5600 STUDENT ADMISSION REQUIREMENT.
4690.1900 STANDARDS AND RADIO FREQUENCY ASSIGNMENTS.	ADVANCED EMERGENCY CARE COURSE PROGRAMS FOR PARAMEDICS
4690.2000 EQUIPMENT PERFORMANCE AND REPAIR.	4690.6900 STUDENT PREREQUISITE.
ADVANCED AMBULANCE SERVICES	LICENSE PROVISIONS
4690.2200 STAFFING STANDARDS.	4690.7900 EXPIRATION DATES.
4690.2400 EQUIPMENT STANDARDS.	4690.8000 IDENTIFICATION OF AMBULANCES.
COMMUNICATIONS	WAIVERS AND VARIANCES
4690.2600 STANDARDS AND RADIO FREQUENCY ASSIGNMENTS.	4690.8100 WAIVERS.
4690.2700 EQUIPMENT PERFORMANCE AND MAINTENANCE.	4690.8200 VARIANCES.
	4690.8300 SPECIFIC VARIANCES.

AMBULANCE SERVICE RULES

4690.0100 DEFINITIONS.

Subpart 1. **Scope.** For the purposes of parts 4690.0100 to 4690.8300, the following terms have the meanings given them.

Subp. 2. **Air ambulance.** "Air ambulance" means an ambulance that is designed and manufactured to travel by air. It includes fixed wing aircraft and helicopters.

Subp. 3. **Base of operation.** "Base of operation" means the address at which the physical plant housing ambulances, related equipment, and personnel is located.

Subp. 4. [Repealed, L 1999 c 245 art 9 s 66]

Subp. 4a. **Board.** "Board" means the emergency medical services regulatory board.

Subp. 5. **Change.** "Change" means an action or occurrence by which a situation relevant to licensure has become distinctly and materially different such that it can reasonably be expected that the licensee will not meet the conditions of its current license.

Subp. 6. **Change in type of service.** "Change in type of service" means any change in the schedule of:

A. level of service when the change is from basic life support to advanced life support;

B. hours during which service will be available; or

C. the group of individuals for whom services will be exclusively provided such that a new type of license is required.

Subp. 7. **Change of base of operation.** "Change of base of operation" means the relocation of vehicles, related equipment, and personnel housed at one location to

another location such that it is no longer possible for the service making the change to meet the conditions of its license regarding its designated primary service area.

Subp. 8. **City of the first class and city of the second class.** "City of the first class" and "city of the second class" have the meanings given to them in Minnesota Statutes, section 410.01.

Subp. 9. **Commissioner.** "Commissioner" means commissioner of health.

Subp. 10. **Communications base.** "Communications base" means the composite collection of radio base station equipment which is used for two-way radio communications between ambulances and medical facilities.

Subp. 11. **Disaster.** "Disaster" means a sudden occurrence or other temporary condition causing or likely to cause such widespread damage and such mass casualties or threats to the health and safety of members of the public that available ambulance services cannot reasonably be considered adequate to respond to the emergency needs of the affected public.

Subp. 12. **Drug.** "Drug" means all medicinal substances and preparations recognized by the United States Pharmacopoeia National Formulary, issued by the United States Pharmacopoeial Convention (Rockville, Maryland) or by any revision of that publication. It also means all substances and preparations intended for external and internal use in the diagnosis, cure, mitigation, treatment, or prevention of disease in humans or other animals, and all substances and preparations, other than food, intended to affect the structure or any function of the body of humans or other animals.

Subp. 13. [Repealed, L 1999 c 245 art 9 s 66]

Subp. 14. **Full operating condition and good repair.** "Full operating condition and good repair" means a condition in which all systems, parts, elements, and components are completely workable, operational, and reliable.

Subp. 15. [Repealed, L 1999 c 245 art 9 s 66]

Subp. 16. **Intravenous infusion.** "Intravenous infusion" means the introduction of a fluid other than blood into a vein.

Subp. 17. **Intravenous therapy.** "Intravenous therapy" means the establishment of an intravenous line and the administration of intravenous fluids and drugs.

Subp. 18. **Land ambulance.** "Land ambulance" means an ambulance that is designed and manufactured to travel on land.

Subp. 19. [Repealed, L 1999 c 245 art 9 s 66]

Subp. 20. [Repealed, L 1999 c 245 art 9 s 66]

Subp. 21. [Repealed, L 1999 c 245 art 9 s 66]

Subp. 22. [Repealed, L 1999 c 245 art 9 s 66]

Subp. 23. [Repealed, L 1999 c 245 art 9 s 66]

Subp. 24. [Repealed, L 1999 c 245 art 9 s 66]

Subp. 25. **Parenteral.** "Parenteral" means not through the alimentary canal, but rather by injection, through some other route.

Subp. 26. [Repealed, L 1999 c 245 art 9 s 66]

Subp. 27. [Repealed, L 1999 c 245 art 9 s 66]

Subp. 28. [Repealed, L 2000 c 313 s 10]

Subp. 29. [Repealed, L 1999 c 245 art 9 s 66]

Subp. 30. **Scheduled ambulance service.** "Scheduled ambulance service" means basic or advanced ambulance service that restricts its services to specified periods of time or to a specified group of people, or restricts the type of services it provides to a specified medical category.

Subp. 31. **Single service.** "Single service" means designed and manufactured to be used once and then disposed of, not to be reused.

Subp. 32. **Sterile.** "Sterile" means free from microorganisms.

Subp. 33. **Substation.** "Substation" means the location from which ambulances and personnel operate to provide ambulance service which is supplementary to that provided from the base of operation and which enables the licensee to serve all points in its primary service area in accordance with the requirements in parts 4690.3400 to 4690.3700.

Subp. 34. **Telemetry.** "Telemetry" means the direct transmission of electronic signals indicating measurement of patient physiological vital signs.

Subp. 35. **Treatment.** "Treatment" means the use of the skills or equipment required by parts 4690.0100 to 4690.8300 for the management and care of an ill or injured person or of a pregnant woman for the purpose of combating disease, minimizing disability, preventing death, or preserving health.

Subp. 36. **Triage.** "Triage" means the sorting out and classification of ill or injured persons to determine priority of need and place of treatment.

Subp. 37. **Variance.** "Variance" means permission to comply in a manner other than that specified by parts 4690.0100 to 4690.8300.

Subp. 38. **Waiver.** "Waiver" means permission not to comply with parts 4690.0100 to 4690.8300.

Statutory Authority: *MS s 144.804; 144E.16*

History: *L 1987 c 209 s 39; 14 SR 519; 17 SR 1279; L 1996 c 324 s 6; L 1999 c 245 art 9 s 66; L 2000 c 313 s 10*

APPLICATIONS FOR LICENSURE

4690.0200 CONTENTS OF ALL APPLICATIONS.

Subpart 1. **Specific information required.** An application for license renewal, or for licensure of a new service, expansion of primary service area, change of base of operation, or type of service provided must be made on a form provided by the board and must include, at a minimum, the following categories of information to allow a determination of compliance with the requirements of Minnesota Statutes, sections 144E.001 to 144E.17 and 144E.30 and to provide sufficient information for local and regional reviews prescribed in Minnesota Statutes, section 144E.10:

A. identification, location, and pertinent telephone numbers for the proposed service and the name of the individual responsible for accuracy of the application;

B. the addresses of the base of operation and substations;

C. the names, addresses, and telephone numbers of the medical adviser or medical director of the service and the base hospital or affiliated medical facility, if any, for the service;

D. the location of the communications base and a description of the communications equipment on the licensee's ambulances and at its communications base;

E. whether the application is for a new license, license renewal, expansion of primary service area, change of base of operations, or change in type of service provided;

F. the type and identification of ownership;

G. the type and identification of the entity responsible for operation, if different from ownership;

H. backup coverage, including reserve ambulances owned by applicant, back-up services, and copies of signed mutual aid agreements with neighboring providers;

I. other licensed providers in the primary service area;

J. a description of the population to be served;

K. type of service to be licensed;

L. actual past and estimated future utilization of the service;

M. basic actual or estimated financial data, including actual and in kind revenue or income, actual or projected patient charges, sources of revenue by type, and actual and imputed expenses by category and projected capital costs and operating costs;

N. qualifications of personnel, including number of and credentials of attendants and drivers and names and addresses of key personnel;

O. a listing and description of all ambulances to be used by the service if licensed;

P. a description of any proposed new service, change of base of operation, expansion of primary service area, or change in type of service; and

Q. a justification of the need for any proposed new service or modification in service; and

R. a declaration of the proposed primary service area, including a description of the geographic features of the primary service area that have a direct bearing on the proposed service or modified service.

Subp. 2. **Other information required.** Applicants shall furnish other information that may be needed by the board to clarify incomplete or ambiguous information presented in the application.

Subp. 3. **Documentation of information.** Applicants shall retain in their files documentation of all statements made in applications for licensure.

Statutory Authority: *MS s 144.804; 144E.16*

History: *L 1996 c 324 s 6; L 1997 c 199 s 14*

4690.0300 [Repealed, L 1999 c 245 art 9 s 66]

4690.0400 [Repealed, L 1999 c 245 art 9 s 66]

4690.0500 [Repealed, L 1999 c 245 art 9 s 66]

4690.0600 [Repealed, L 1999 c 245 art 9 s 66]

4690.0700 [Repealed, L 1999 c 245 art 9 s 66]

BASIC AMBULANCE SERVICES

4690.0800 RESTRICTED TREATMENTS AND PROCEDURES.

Subpart 1. [Repealed, L 1999 c 245 art 9 s 66]

Subp. 2. [Repealed, L 1999 c 245 art 9 s 66]

Subp. 3. **Transfer of patients.** Basic ambulance services may transport patients who are receiving intravenous therapy only when the following conditions are met:

A. transportation is provided only between health care facilities; and

B. the intravenous therapy was established by the facility from which the patient is transported; and either

C. a physician, registered nurse, or paramedic accompanies the patient and rides in the patient compartment; or

D. the patient's physician provides written information and precautions to the ambulance service attendants about the intravenous therapy which the patient is receiving, the service maintains a copy of the written information in its files, and the attendant is certified under parts 4690.3900 to 4690.5100 and has completed training approved by the medical adviser in the maintenance of intravenous therapy equipment.

Subp. 4. **Drugs.** In addition to oxygen, which is required, basic ambulance services may carry and administer only the following drugs:

A. nonprescription drugs;

B. oral sugar solutions and pharmaceutically prepared oral glucose; and

C. after consulting with poison control or medical control, pharmaceutically prepared oral emetics, including syrup of ipecac, or pharmaceutically prepared stabilizing agents, including activated charcoal.

Subp. 5. **Patient assistance.** A basic ambulance service may assist a patient in the administration of the patient's personally prescribed sublingual nitroglycerin, premeasured subcutaneous epinephrine, or beta agonist administered by metered dosed inhalation.

Statutory Authority: *MS s 144.804; 144E.16*

History: *L 1987 c 209 s 39; 22 SR 1877; L 1999 c 245 art 9 s 66*

4690.0900 Subpart 1. [Repealed, L 1999 c 245 art 9 s 66]

Subp. 2. [Repealed, L 1999 c 245 art 9 s 66]

Subp. 3. [Repealed, L 1999 c 245 art 9 s 66]

Subp. 4. [Repealed, L 1999 c 245 art 9 s 66]

Subp. 5. [Repealed, 22 SR 1877; L 1999 c 245 art 9 s 66]

Subp. 6. [Repealed, L 1999 c 245 art 9 s 66]

Subp. 7. [Repealed, L 1999 c 245 art 9 s 66]

Subp. 8. [Repealed, L 1999 c 245 art 9 s 66]

Subp. 9. [Repealed, L 1999 c 245 art 9 s 66]

Subp. 10. [Repealed, L 1999 c 245 art 9 s 66]

4690.1000 [Repealed, L 1999 c 245 art 9 s 66]

4690.1100 [Repealed, L 1999 c 245 art 9 s 66]

4690.1200 [Repealed, L 1999 c 245 art 9 s 66]

4690.1300 [Repealed, L 1999 c 245 art 9 s 66]

4690.1400 MAINTENANCE, SANITATION, AND TESTING OF EQUIPMENT.

Maintenance, sanitation, and testing:

A. All equipment must be maintained in full operating condition and in good repair.

B. All equipment and containers used for storage of equipment must be kept clean so as to be free from dirt, grease, and other offensive matter.

C. Sheets and pillowcases must be changed after each use.

D. Single-service equipment must be wrapped, stored, and handled so as to prevent contamination and must be disposed of after use.

E. Reusable equipment must be cleaned after each use so as to be free from dirt, grease, and other offensive matter.

F. Equipment, soiled or otherwise not free from dirt, grease, and other offensive matter, must be kept in plastic bags or securely covered containers until disposed of or prepared for reuse.

G. Procedures for the periodic performance testing of mechanical equipment listed in part 4690.0900, subparts 3 and 7, item B must be developed, maintained, and followed; and records of performance testing must be kept in the licensee's files. Testing must occur at the intervals suggested by the manufacturer of the equipment.

Statutory Authority: *MS s 144.804; 144E.16*

AMBULANCE STANDARDS

4690.1500 LAND AMBULANCES.

Subpart 1. **Land ambulances purchased after June 30, 1981.** All new land ambulances purchased by a licensee after June 30, 1981, must comply with the following standards:

A. the size of the patient compartment must be a minimum of 116 inches long and 52 inches high from floor to ceiling and must provide in width not less than 69 inches wall to wall; or attendant walkway of not less than 12 inches between the stretcher and fixed bench and between stretchers;

B. the door opening to the patient compartment must be a minimum of 30 inches wide and 42 inches high and the door to the patient compartment must be operable from inside the ambulance, and must be capable of being fully opened and held open by a mechanical device;

C. the interior storage areas must provide a minimum of 30 cubic feet of storage space to accommodate all required equipment and other equipment carried and must be located to provide easy access to all equipment;

D. the interior lighting in the patient compartment must include overhead or dome lighting, be designed so that no glare can be reflected to the driver's line of vision while the ambulance is transporting the patient; and provide sufficient lighting to allow visual determination of patient vital signs;

E. environmental equipment must include a heater for the patient compartment that has a minimum output of 21,000 Btu's;

F. the ambulance must:

(1) have an overall height, including roof-mounted equipment except for radio antenna, of 110 inches or less;

(2) have fuel capacity to provide no less than 175-mile range;

(3) have ground clearance of at least six inches when loaded to gross vehicle weight rating; and

(4) be capable of full performance at ambient temperatures of minus 30 degrees Fahrenheit to 110 degrees Fahrenheit; and

G. the ambulance must be marked to show the name of the service as shown in the current license issued by the board, in letters not less than three inches in height and in a position and color to allow identification of the service from the sides and rear of the vehicle.

Subp. 2. **Compliance with General Services Administration standards.** Land ambulances that comply with the standards issued by the General Services Administration in Federal Specification KKK-A-1822 A for Emergency Medical Care Surface Vehicle dated April 1, 1980, with the exception of sections 3.14, 3.15, and 3.16, are deemed to comply with the standards contained in subparts 1, 3, and 4.

Subp. 3. **Ambulances in service before June 30, 1981.** All ambulances originally put into service by the licensee on or before June 30, 1981, and all ambulances other than land or air ambulances must substantially comply with the standards contained in subpart 1 as determined by the board according to the following considerations:

A. size of the patient compartment must allow adequate space for administering life support services;

B. dimensions of door openings to the patient compartment and the operation of the doors to the patient compartment must allow easy access;

C. design and location of interior storage areas must allow adequate storage and easy access;

D. design and operation of interior lighting in the patient compartment must provide adequate illumination for administering life support services;

E. design and operation of environmental equipment must provide proper heating; and

F. design, operation, and suspension must provide safe and stable transport.

Subp. 4. **Siren and light.** All land ambulances must be equipped with a siren capable of emitting sound that is audible under normal conditions from a distance of not less than 500 feet and at least one light capable of displaying red light that is visible

under normal atmospheric conditions from a distance of 500 feet from the front of the ambulance.

Statutory Authority: *MS s 144.804; 144E.16*

History: *L 1996 c 324 s 6*

4690.1600 [Repealed, L 1999 c 245 art 9 s 66]

4690.1700 [Repealed, L 1999 c 245 art 9 s 66]

4690.1800 MAINTENANCE AND SANITATION OF AMBULANCES.

Maintenance and sanitation:

A. Each ambulance must be maintained in full operating condition and in good repair and documentation of maintenance must be kept in the licensee's file.

B. The interior of the ambulance, including all storage areas, must be kept clean so as to be free from dirt, grease, and other offensive matter.

C. If an ambulance has been used to transport a patient who is known or should be known by the attendant or driver to have a transmissible infection or contagious disease, other than a common cold, liable to be transmitted from person to person through exposure or contact, surfaces in the interior of the ambulance and surfaces of equipment and materials that come in contact with such patient must, immediately after each use, be cleaned so as to be free from dirt, grease, and other offensive matter and be disinfected or disposed in a secure container so as to prevent the presence of a level of microbiologic agents injurious to health.

D. Smoking in any portion of the ambulance is prohibited.

Statutory Authority: *MS s 144.804; 144E.16*

4690.1900 STANDARDS AND RADIO FREQUENCY ASSIGNMENTS.

Subpart 1. **Ambulances.** Ambulances must have a two-way very high frequency (VHF) mobile radio, with continuous tone coded squelch system (CTCSS), capable of operating on at least two VHF high band radio frequency channels.

Subp. 2. **Basic ambulance service.** Each basic ambulance service must have the capability of using a communications base that has a two-way VHF base radio, with CTCSS, capable of operating on at least two VHF high band radio frequency channels.

Subp. 3. **Assigned radio frequency.** Ambulances and communications bases must select and operate one channel at the radio frequency assigned to the district within which the communications base is located, as follows:

A. northwestern district (Kittson, Roseau, Lake of the Woods, Marshall, Beltrami, Polk, Pennington, Red Lake, Clearwater, Hubbard, Norman, and Mahnomen counties) has one channel radio frequency of 155.325 megahertz (MHz);

B. northeastern district (Koochiching, St. Louis, Lake, Cook, Itasca, Carlton, and Aitkin counties) has one channel radio frequency of 155.355 MHz;

C. west central district (Clay, Becker, Wilkin, Ottertail, Grant, Douglas, Stevens, Traverse, and Pope counties) has one channel radio frequency of 155.355 MHz;

D. central district (Cass, Wadena, Crow Wing, Todd, Mille Lacs, Isanti, Pine, Chisago, Kanabec, Morrison, Stearns, Benton, Sherburne, and Wright counties) has one channel radio frequency of 155.385 MHz;

E. southwestern district (Swift, Kandiyohi, Meeker, Lac qui Parle, Chippewa, Yellow Medicine, Renville, McLeod, Lincoln, Lyon, Redwood, Pipestone, Murray, Cottonwood, Rock, Nobles, Big Stone, and Jackson counties) has one channel radio frequency of 155.400 MHz;

F. south central district (Sibley, Le Sueur, Nicollet, Brown, Watonwan, Blue Earth, Waseca, Martin, and Faribault counties) has one channel radio frequency of 155.355 MHz;

G. southeastern district (Rice, Goodhue, Wabasha, Steele, Dodge, Olmsted, Winona, Freeborn, Mower, Fillmore, and Houston counties) has one channel radio frequency of 155.385 MHz; and

H. metropolitan district (Anoka, Hennepin, Ramsey, Washington, Carver, Scott, and Dakota counties) has one channel radio frequency of 155.325 MHz.

Subp. 4. **CTCSS tone operation.** The CTCSS tone operation on the channel assigned to the district frequency on the mobile radio must be the same as the CTCSS tone operation of the base radio for that channel and frequency.

Subp. 5. **Channel assigned to national frequency.** Ambulances and communications bases must operate one channel assigned to the national frequency at a radio frequency of 155.340 MHz and must use a CTCSS tone of 210.7 Hz for that channel.

Subp. 6. **Labeled to show use.** Each channel must be labeled to show use.

Subp. 7. **Base station.** The base station or other receiving site must be configured to receive the CTCSS tone of 210.7 Hz for operation of its speaker, but must not transmit the tone. The receiver must be operated with a digital dial decoder that bypasses the tone circuit for base to base communications on 155.340 MHz.

Subp. 8. **Ambulance radio.** The ambulance radio must be configured to transmit the CTCSS tone of 210.7 Hz on 155.340 MHz radio frequency, and the radio must be connected in a manner that allows operation of the speaker system without reception of the tone.

Subp. 9. **Use of other means of communication.** Ambulances and communications bases may communicate by telephone and means of communication other than radio when radio communications are not necessary.

Subp. 10. **Prohibition of mobile telephone services.** Mobile telephone services are not acceptable as an alternative to the required two-way radio operation.

Statutory Authority: *MS s 144.804; 144E.16*

History: *L 1987 c 209 s 39*

4690.2000 EQUIPMENT PERFORMANCE AND REPAIR.

All communications equipment must be capable of transmitting and receiving clear and understandable voice communications to and from the licensee's communications base and all points within the licensee's primary service area. All communication equipment must be maintained in full operating condition and in good repair.

Statutory Authority: *MS s 144.804; 144E.16*

4690.2100 [Repealed, L 1999 c 245 art 9 s 66]

ADVANCED AMBULANCE SERVICES

4690.2200 STAFFING STANDARDS.

Subpart 1. [Repealed, L 1999 c 245 art 9 s 66]

Subp. 2. **Medical director.** Each licensee shall have a physician medical director. The medical director must have completed training in advanced cardiac life support that includes training in the following elements:

- A. basic cardiac life support;
- B. use of adjunctive equipment and special techniques for establishing and maintaining effective ventilation and circulation;
- C. cardiac monitoring and dysrhythmia recognition;
- D. establishing and maintaining an intravenous infusion line;
- E. employment of therapy in the treatment of the patient with suspected or overt acute myocardial infarction during cardiac arrest, dysrhythmia and in the postarrest phase; and
- F. use of drugs and defibrillation.

The advanced cardiac life support training course must be approved by the board.

Subp. 3. [Repealed, L 1999 c 245 art 9 s 66]

Subp. 4. [Repealed, L 1999 c 245 art 9 s 66]

Subp. 5. [Repealed, L 1999 c 245 art 9 s 66]

Statutory Authority: *MS s 144.804; 144E.16*

History: *L 1987 c 209 s 39; L 1996 c 324 s 6; L 1999 c 245 art 9 s 66*

4690.2300 [Repealed, L 1999 c 245 art 9 s 66]

4690.2400 EQUIPMENT STANDARDS.

Subpart 1. [Repealed, L 1999 c 245 art 9 s 66]

Subp. 2. [Repealed, L 1999 c 245 art 9 s 66]

Subp. 3. [Repealed, L 1999 c 245 art 9 s 66]

Subp. 4. **Maintenance, sanitation, and testing.** The maintenance, sanitation, and testing requirements set forth in part 4690.1400 apply to advanced ambulance services.

Statutory Authority: *MS s 144.804; 144E.16*

History: *L 1987 c 209 s 39; L 1999 c 245 art 9 s 66*

4690.2500 [Repealed, L 1999 c 245 art 9 s 66]

COMMUNICATIONS

4690.2600 STANDARDS AND RADIO FREQUENCY ASSIGNMENTS.

Subpart 1. **Communications bases for advanced ambulance services.** Each advanced ambulance service must have the capability of using a communications base that complies with the provisions of subpart 2 or 3.

Subp. 2. **Ambulances using telemetry.** Ambulances and their communications bases that operate telemetry must have:

A. one two-way ultra high frequency (UHF) radio, with continuous tone coded squelch system (CTCSS), capable of operating on ten UHF voice and telemetry radio frequency channels; or

B. one two-way UHF radio, with CTCSS, capable of operating on eight UHF voice and telemetry channels and one UHF or one VHF radio, with CTCSS, capable of operating on two dispatching radio frequency channels.

Subp. 3. **Ambulances not using telemetry.** Ambulances and communications bases that do not operate telemetry shall comply with subpart 2 or part 4690.1900, subparts 1 and 2.

Subp. 4. **Ambulances using VHF.** Ambulances and communications bases using VHF shall comply with part 4690.1900, subparts 3 to 8.

Subp. 5. **Ambulances using UHF.** Ambulances and communications bases using UHF for dispatching must have the capability of using the following radio frequencies for such functions:

A. 462.950 megahertz (MHz) or 467.950 MHz for the mobile radio and 462.950 MHz for the base radio; and

B. 462.975 MHz or 467.975 MHz for the mobile radio and 462.975 MHz for the base radio.

Subp. 6. **Radio frequencies for medical control in the UHF band.** Ambulances and communications bases while operating telemetry in the UHF band must use only the following radio frequencies for medical control:

A. 468.000 MHz or 463.000 MHz for mobile radio and 463.000 MHz for base radio;

MINNESOTA RULES 2001

763

AMBULANCE SERVICES 4690.2800

- B. 468.025 MHz or 463.025 MHz for mobile radio and 463.025 MHz for base radio;
- C. 468.050 MHz or 463.050 MHz for mobile radio and 463.050 MHz for base radio;
- D. 468.075 MHz or 463.075 MHz for mobile radio and 463.075 MHz for base radio;
- E. 468.100 MHz or 463.100 MHz for mobile radio and 463.100 MHz for base radio;
- F. 468.125 MHz or 463.125 MHz for mobile radio and 463.125 MHz for base radio;
- G. 468.150 MHz or 463.150 MHz for mobile radio and 463.150 MHz for base radio; and
- H. 468.175 MHz or 463.175 MHz for mobile radio and 463.175 MHz for base radio.

Subp. 7. **Radio frequencies in the VHF band.** Ambulances and communications bases while operating telemetry in the VHF band may use only those radio frequencies that have been approved by the Federal Communications Commission.

Subp. 8. **Capability of statewide VHF radio frequency.** Ambulances and communications bases must have the capability of communicating on the statewide VHF radio frequency specified in part 4690.1900, subpart 5.

Subp. 9. **Compliance with part 4690.1900.** Ambulances and communications bases must comply with the provisions of part 4690.1900, subparts 4 to 9.

Statutory Authority: *MS s 144.804; 144E.16*

History: *L 1987 c 209 s 39*

4690.2700 EQUIPMENT PERFORMANCE AND MAINTENANCE.

Communications equipment must comply with part 4690.2000.

Statutory Authority: *MS s 144.804; 144E.16*

SCHEDULED AMBULANCE SERVICES

4690.2800 STANDARDS FOR OPERATION OF SCHEDULED AMBULANCE SERVICES.

Subpart 1. **General standards.** Scheduled ambulance services must be either basic or advanced ambulance services.

Scheduled basic ambulance services must comply with the provisions of parts 4690.0400 to 4690.2000, and scheduled advanced ambulance services must comply with provisions of parts 4690.2100 to 4690.2700, except that such services may be exempt from compliance with those provisions that are not required for their operation as scheduled basic life support or advanced life support services in accordance with this rule.

Subp. 2. **Declaration of and adherence to schedule.** An applicant for licensure as a scheduled ambulance service shall declare at the time of application the specific schedule of its intended restrictions as to time, group served, and type of service provided.

A licensed scheduled ambulance service may provide only the declared schedule of services approved by the board in the granting of the license under Minnesota Statutes, section 144E.10. Any change in this schedule is subject to the provisions of Minnesota Statutes, section 144E.10.

Subp. 3. **Primary service area.** An applicant for licensure as a scheduled ambulance service shall comply with parts 4690.3400 to 4690.3700, with the exception of part 4690.3400, subpart 3.

Statutory Authority: *MS s 144.804; 144E.16*

History: *L 1987 c 209 s 39; L 1996 c 324 s 6; L 1997 c 199 s 14*

4690.2900 [Repealed, L 1999 c 245 art 9 s 66]

4690.3000 [Repealed, L 1999 c 245 art 9 s 66]

4690.3100 DISASTERS.

Parts 4690.0100 to 4690.8300 do not apply to ambulance services provided during time of disaster, mass casualty, or other public emergency. The board reserves the right to determine whether a disaster, mass casualty, or other public emergency is occurring or has occurred so as to cause parts 4690.0100 to 4690.8300 to be nonapplicable.

Statutory Authority: *MS s 144.804; 144E.16*

History: *L 1987 c 209 s 39; L 1996 c 324 s 6*

4690.3200 ADVERTISEMENT.

No ambulance service may advertise itself, allow itself to be advertised, or otherwise hold itself out as providing services of a type different from those services that it is licensed to provide under parts 4690.0100 to 4690.8300.

Statutory Authority: *MS s 144.804; 144E.16*

History: *L 1987 c 209 s 39*

4690.3300 ENFORCEMENT PROVISIONS.

Subpart 1. **Inspections.** Ambulance services may not hinder the inspection activities of authorized agents of the board under Minnesota Statutes, section 144E.18.

Subp. 2. **Correction order.** Violation of parts 4690.0100 to 4690.8300 or of the provisions of Minnesota Statutes, sections 144E.001 to 144E.18 and 144E.30 constitutes grounds for the issuance of a correction order. Any ambulance service licensee that is issued a correction order shall correct the violation within the time period specified in the correction order.

Subp. 3. **Time periods for correction of violations.** Violations of parts 4690.0100 to 4690.8300 or of Minnesota Statutes, sections 144E.001 to 144E.18 and 144E.30 that create a risk of serious harm to patients of the ambulance service must be corrected within time periods ranging from zero to 14 days as specified by the board or authorized agent.

All other violations of parts 4690.0100 to 4690.8300 or of Minnesota Statutes, sections 144E.001 to 144E.18 and 144E.30 must be corrected within time periods ranging from 15 to 120 days as specified by the board or authorized agent.

Subp. 4. **Noncompliance.** If, upon reinspection, it is determined that an ambulance service has not complied with the provisions of a correction order, such noncompliance constitutes grounds for the initiation of suspension, revocation, or nonrenewal proceeding under Minnesota Statutes, section 144E.30.

Statutory Authority: *MS s 144.804; 144E.16*

History: *L 1987 c 209 s 39; L 1996 c 324 s 6; L 1997 c 199 s 14*

PRIMARY SERVICE AREA

4690.3400 DESIGNATION OF PRIMARY SERVICE AREA.

Subpart 1. **Declaration; requirements.** An applicant for a new license, for a change in type of service or base of operation, or for expansion of a primary service area must declare the primary service area that it intends to serve and seek designation of that area. A primary service area must contain one base of operation and may contain substations.

Subp. 2. **Reasonableness of primary service area.** In applying for initial designation of a primary service area or for expansion of a primary service area, an applicant must show the reasonableness of the primary service area for which designation is sought according to the following considerations:

MINNESOTA RULES 2001

765

AMBULANCE SERVICES 4690.3600

A. the average and maximum probable response times in good and severe weather from its proposed base of operation to the most distant boundary in its proposed primary service area; or, if the applicant's primary service area is to contain a base of operation and substations, the average and maximum probable response times in good and severe weather from the base of operation and substations to the most distant point covered by the base of operation;

B. the projected distances to be traveled to provide such service;

C. the specific type of service to be provided;

D. the applicant's current status as a licensed provider of ambulance services to the population of that area; and

E. the applicant's intention to be responsible to the population of the declared primary service area or to a specified group of persons as a source of ambulance service.

Subp. 3. **Maximum primary service area.** The maximum primary service areas designated, as measured from a base of operation or substation, may not exceed:

A. eight miles or ten minutes travel time at maximum allowable speeds, whichever is greater, for proposed primary service areas that include any portion of a city of the first class;

B. 15 miles or 20 minutes travel time at maximum allowable speeds, whichever is greater, for proposed primary service areas that include any portion of a city of the second class; or

C. 25 miles or 30 minutes travel time at maximum allowable speeds, whichever is greater, for proposed primary service areas that do not include any portion of a city of the first or second class.

Statutory Authority: *MS s 144.804; 144E.16*

History: *L 1987 c 209 s 39*

4690.3500 [Repealed, L 2000 c 313 s 10]

4690.3600 AMBULANCE SERVICES PROVIDED BY AIR.

Part 4690.3400, subpart 3 does not apply to ambulance services provided by air ambulances.

Statutory Authority: *MS s 144.804; 144E.16*

History: *L 1987 c 209 s 39*

4690.3700 [Repealed, L 1999 c 245 art 9 s 66]

4690.3800 [Repealed, 25 SR 1718]

4690.3900 [Repealed, L 1999 c 245 art 9 s 66]

4690.4000 [Repealed, L 1999 c 245 art 9 s 66]

4690.4100 [Repealed, L 1999 c 245 art 9 s 66]

4690.4200 [Repealed, L 1999 c 245 art 9 s 66]

4690.4300 [Repealed, L 1999 c 245 art 9 s 66]

4690.4400 [Repealed, L 1999 c 245 art 9 s 66]

4690.4500 [Repealed, L 1999 c 245 art 9 s 66]

4690.4600 Subpart 1. [Repealed, L 1999 c 245 art 9 s 66]

Subp. 2. [Repealed, L 1999 c 245 art 9 s 66]

Subp. 3. [Repealed, L 1999 c 245 art 9 s 66]

Subp. 4. [Repealed, L 1999 c 245 art 9 s 66]

Subp. 5. [Repealed, L 1999 c 245 art 9 s 66]

Subp. 6. [Repealed, L 1999 c 245 art 9 s 66]

Subp. 7. [Repealed, 16 SR 2207; L 1999 c 245 art 9 s 66]

Subp. 8. [Repealed, 16 SR 2207; L 1999 c 245 art 9 s 66]

Subp. 9. [Repealed, 16 SR 2207; L 1999 c 245 art 9 s 66]

4690.4700 [Repealed, L 1999 c 245 art 9 s 66]

4690.4800 [Repealed, L 1999 c 245 art 9 s 66]

4690.4900 [Repealed, L 1999 c 245 art 9 s 66]

4690.5000 [Repealed, L 1999 c 245 art 9 s 66]

4690.5100 [Repealed, L 1999 c 245 art 9 s 66]

4690.5200 [Repealed, L 1999 c 245 art 9 s 66]

4690.5300 [Repealed, L 1999 c 245 art 9 s 66]

4690.5400 [Repealed, L 1999 c 245 art 9 s 66]

4690.5500 [Repealed, L 1999 c 245 art 9 s 66]

INTERMEDIATE EMERGENCY CARE COURSE PROGRAM

4690.5600 STUDENT ADMISSION REQUIREMENT.

Students admitted to an intermediate emergency care course must meet the following requirements:

A. current certification as an emergency medical technician; and

B. employment or service as a volunteer with a licensee that provides or intends to provide the type of emergency care and treatment that is taught in the intermediate emergency care course. Written verification of employment or volunteer service must be provided by the licensee's medical director.

Statutory Authority: *MS s 144.804; 144E.16*

4690.5700 [Repealed, L 1999 c 245 art 9 s 66]

4690.5800 [Repealed, L 1999 c 245 art 9 s 66]

4690.5900 [Repealed, L 1999 c 245 art 9 s 66]

4690.6000 [Repealed, L 1999 c 245 art 9 s 66]

4690.6100 [Repealed, L 1999 c 245 art 9 s 66]

4690.6200 [Repealed, L 1999 c 245 art 9 s 66]

4690.6300 [Repealed, L 1999 c 245 art 9 s 66]

4690.6400 [Repealed, L 1999 c 245 art 9 s 66]

4690.6500 [Repealed, L 1999 c 245 art 9 s 66]

4690.6600 [Repealed, L 1999 c 245 art 9 s 66]

4690.6700 [Repealed, L 1999 c 245 art 9 s 66]

4690.6800 [Repealed, L 1999 c 245 art 9 s 66]

ADVANCED EMERGENCY CARE COURSE PROGRAMS FOR PARAMEDICS**4690.6900 STUDENT PREREQUISITE.**

Only persons who have successfully completed an emergency care course and who are currently certified as emergency medical technicians or intermediate emergency medical technicians may be admitted to an advanced emergency care course.

Statutory Authority: *MS s 144.804; 144E.16*

4690.7000 [Repealed, L 1999 c 245 art 9 s 66]

4690.7100 [Repealed, L 1999 c 245 art 9 s 66]

4690.7200 [Repealed, L 1999 c 245 art 9 s 66]

4690.7300 [Repealed, L 1999 c 245 art 9 s 66]

4690.7400 [Repealed, L 1999 c 245 art 9 s 66]

4690.7500 [Repealed, L 1999 c 245 art 9 s 66]

4690.7600 [Repealed, L 1999 c 245 art 9 s 66]

4690.7700 [Repealed, L 1999 c 245 art 9 s 66]

4690.7800 [Repealed, L 1999 c 245 art 9 s 66]

LICENSE PROVISIONS**4690.7900 EXPIRATION DATES.**

Subpart 1. **Licensed biennially.** Ambulance services are licensed biennially.

Subp. 2. [Repealed, L 2000 c 313 s 10]

Subp. 3. **Licensing periods.** There are eight licensing periods. Each period begins on the first day of a calendar month and ends on the last day of the 24th month from the beginning of the period.

Subp. 4. **Licensing renewal date.** For licensing periods beginning October 1, 1982, and all subsequent periods, license renewal dates will be assigned according to the district as described in part 4690.1900, subpart 3 in which the licensee's base of operation is located as follows:

- A. northwestern district: October 1, in years ending with an even number;
- B. northeastern district: January 1, in years ending with an odd number;
- C. west central district: April 1, in years ending with an odd number;
- D. central district: July 1, in years ending with an odd number;
- E. metropolitan district: October 1, in years ending with an odd number;
- F. southwestern district: January 1, in years ending with an even number;
- G. south central district: April 1, in years ending with an even number; or
- H. southeastern district: July 1, in years ending with an even number.

Subp. 5. **Apportioned license fees.** Applicants for new or renewal licenses after October 1, 1982, may be issued a license for a period remaining until the renewal date listed under subpart 4. If the board issues a license for less than 24 consecutive months, the license fee will be apportioned.

Subp. 6. **Extension of renewal date.** Renewal dates for licenses issued between October 1, 1982, and the time shown for renewal in subpart 4, will be extended until the time for renewal shown in subpart 4. After July 1, 1984, all licenses will be renewed every two years.

Statutory Authority: *MS s 144.804; 144E.16*

History: *L 1987 c 209 s 39; L 1996 c 324 s 6; L 2000 c 313 s 10*

4690.8000 IDENTIFICATION OF AMBULANCES.

The board will issue a certificate for each licensed ambulance. The certificate must be affixed to the vehicle.

Statutory Authority: *MS s 144.804; 144E.16*

History: *L 1996 c 324 s 6*

WAIVERS AND VARIANCES**4690.8100 WAIVERS.**

Subpart 1. **Application.** The board shall waive any of parts 4690.0100 to 4690.8300 except part 4690.8300, subpart 4 if the applicant shows that:

- A. applying the rule would impose an undue burden on the applicant; and
- B. granting the waiver will not adversely affect the public health or welfare.

Subp. 2. **Renewal, revocation, and reporting.** The board shall renew the waiver upon reapplication in conformance with subpart 1.

The board shall revoke a waiver if a material change occurs in the circumstances that justified granting the waiver.

An applicant that has been granted a waiver shall notify the board in writing of any material change in circumstances.

Subp. 3. **Limitation.** No waiver may be granted for a period longer than the current license period.

Statutory Authority: *MS s 144.804; 144E.16*

History: *L 1996 c 324 s 6; L 1996 c 324 s 6*

4690.8200 VARIANCES.

Subpart 1. **Application.** The board shall grant a variance from parts 4690.0100 to 4690.8300 except part 4690.8300, subpart 9, if the applicant proposes alternative practices equivalent or superior to those prescribed in the rule in question and shows that:

- A. applying the rule would impose an undue burden on the applicant; and
- B. granting the variance will not adversely affect the public health or welfare.

Subp. 2. **Renewal, revocation, and reporting.** The board shall renew a variance upon reapplication in conformance with subpart 1. The board shall revoke a variance if:

A. a material change occurs in the circumstances which justified granting the variance; or

B. the applicant fails to comply with the alternative practice specified in its successful application for a variance.

An applicant that has been granted a variance must notify the board of any material change in circumstances.

Subp. 3. **Limitation.** No variance may be granted for a period longer than the current license period.

Statutory Authority: *MS s 144.804; 144E.16*

History: *L 1996 c 324 s 6; 22 SR 1877*

4690.8300 SPECIFIC VARIANCES.

Subpart 1. [Repealed, L 1999 c 245 art 9 s 66]

Subp. 2. [Repealed, L 1999 c 245 art 9 s 66]

Subp. 3. [Repealed, L 1999 c 245 art 9 s 66]

Subp. 4. [Repealed, L 1999 c 245 art 9 s 66]

Subp. 5. [Repealed, L 1999 c 245 art 9 s 66]

MINNESOTA RULES 2001

769

AMBULANCE SERVICES 4690.8300

Subp. 6. [Repealed, 22 SR 1877]

Subp. 7. **Variance for certain drugs.** The board shall grant a variance to a basic ambulance service licensee to carry and to administer beta agonist by metered dosed inhalation or nebulization, or both, premeasured subcutaneous epinephrine, sublingual nitroglycerin, or premeasured intramuscular or subcutaneous glucagon only if the licensee shows that:

A. each attendant who will administer the drug has satisfactorily completed training in the administration of the drug and the training has been approved by the licensee's medical director;

B. the administration of the drug has been authorized by the licensee's medical director;

C. the licensee's medical director has developed or approved standing orders for the use of the drug;

D. continuing education or clinical training in the administration of the drug shall be provided at least annually to the licensee's attendants who are trained to administer the drug; and

E. at all times, at least one attendant on duty is trained in accordance with item A to administer the drug for which the ambulance service has been granted a variance.

Documentation of items A to E must be retained in the licensee's files.

Subp. 8. **Variance maintenance.** In order to maintain a variance granted under subpart 7, the licensee's medical director shall, by the annual anniversary date of the approved variance:

A. provide a list of the licensee's attendants;

B. certify in writing that each attendant has satisfactorily completed the required training and retained skill proficiency; and

C. certify in writing that, prior to allowing an attendant who was hired after the variance was granted to administer a drug specified in subpart 7, the attendant satisfactorily completed the required training under subpart 7, item A.

Documentation of items A to C shall be retained in the licensee's files.

Subp. 9. **No variance granted.** A basic ambulance service shall not be granted a variance for the establishment of intravenous therapy involving the use of drugs other than solutions for intravenous infusion.

Statutory Authority: *MS s 144.804; 144E.16*

History: *L 1987 c 209 s 39; 14 SR 519; L 1996 c 324 s 6; 22 SR 1877; L 1999 c 245 art 9 s 66*