

CHAPTER 1705
BOARD OF ANIMAL HEALTH
DISEASES OF DOMESTIC ANIMALS

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CONTROL OF ANTHRAX

1705.0010 TREATMENT OF CARCASSES.

The carcasses of cattle, sheep, swine, horses, or any other domestic animal that may have died of anthrax, are not to be opened or the hide removed, but must be buried or cremated. If animals are buried, it must be at a depth not less than six feet, and away from any watercourse. If any blood or excrete comes from any animal in removing to the place of burial, such material must be scraped up and burned, and the ground from which it was taken sprinkled with quicklime.

Statutory Authority: *MS s 35.03*

1705.0020 TREATMENT OF STABLE.

If any animal dies of this disease in any stable, the stable must be disinfected, according to the manner ordered by the board or its duly authorized agent.

Statutory Authority: *MS s 35.03*

1705.0030 AUTOPSY.

No one is to make any autopsy or any incision in the carcass of any animal that has died of anthrax, unless he be a duly authorized agent of the board.

Statutory Authority: *MS s 35.03*

1705.0040 NOTIFICATION OF BOARD.

Any person owning or having charge of any animal which he suspects of having anthrax, or who loses any animal which he suspects may have died of anthrax, and all persons having knowledge of this disease in any animal, shall immediately notify this board or the local board of health.

Statutory Authority: *MS s 35.03*

1705.0050 PRECAUTIONS TO BE OBSERVED.

It is advised that the external openings of all animals dead of anthrax be at once plugged with cotton batting previously soaked in carbolic acid or formalin. Carcasses should be burned whenever practical or buried at the spot where the animal dies. Kerosene should be sprinkled on the upper side of the carcass and the hair burned off, the carcass then rolled into the grave with the unburned side uppermost. This side should then be sprinkled with the oil and fired. The dirt and litter upon which the animal has lain is then to be disinfected with formalin or carbolic acid and shoveled into the grave.

All animals showing symptoms of the disease should be removed to some place where the method of dealing with the carcass can be carried out.

Statutory Authority: *MS s 35.03*

ERADICATION OF BOVINE AND BISON BRUCELLOSIS

1705.0060 DEFINITIONS.

Subpart 1. **Board.** "Board" means the Minnesota Board of Animal Health or its authorized agent.

Subp. 2. **Cattle.** "Cattle" means both bovine and bison.

Subp. 3. **Exposed cattle.** "Exposed cattle" means those that are part of a brucellosis-infected herd or have been in contact with a brucellosis reactor 24 hours, or less than 24 hours if the reactor has recently aborted, calved, or has a vaginal or uterine discharge. Starting January 1, 1982, the definition of exposed

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cattle shall be cattle that are part of a known affected herd or have been in contact with brucellosis reactors in marketing channels regardless of the blood test results.

Subp. 4. **Herd.** A "herd" is all cattle under common ownership or supervision that are grouped on one or more parts of any single premises, or all cattle on two or more premises geographically separated but on which the cattle have been interchanged, or where there has been contact of cattle between the premises.

Subp. 5. **Infected herd.** "Infected herd" means one in which one or more reactors were diagnosed on the last test or which is under an infected herd quarantine.

Subp. 6. **Market cattle test.** "Market cattle test" (MCT) means a brucellosis test conducted on marketed cattle.

Subp. 7. **Official brucellosis calfhood vaccinate.** "Official brucellosis calfhood vaccinate" means female dairy cattle under 20 months of age vaccinated against brucellosis while from two through five months of age (60 to 179 days) and female beef cattle under 24 months of age vaccinated against brucellosis while from two through seven months of age (60 to 239 days) in accordance with these rules.

Subp. 8. **Owner.** "Owner" means the legal owner, his agents, and the person in possession of or caring for the cattle referred to.

Subp. 9. **Negative.** "Negative" means official dairy vaccinates 20 months of age and over and beef vaccinates 24 months of age and over with brucellosis test titers not higher than complete agglutination at a 1:50 dilution on the standard plate test or standard tube test unless diagnosed suspect or reactor on basis of card test, rivanol test, or complement fixation test; cattle negative to the rapid screening test when no other tests are performed; cattle negative to the buffered acidified plate antigen test when no other tests are performed; cattle more than six months of age when the standard plate test or standard tube test discloses reactions of not more than complete agglutination in the 1:25 dilution, if performed; are negative to the brucellosis card test, if performed; disclose 25 percent fixation or less (1+) at the 1:10 dilution on the complement fixation test, if performed; or disclose less than complete agglutination at the 1:25 dilution on the rivanol plate agglutination test, if performed. The board may accept variations when an epidemiological investigation indicates *Brucella abortus* infection is present. A diagnosis of suspect or reactor will then be accepted.

Subp. 10. **Negative herd.** "Negative herd" means one in which no reactors or suspects were diagnosed on the last test and which is not under an infected herd quarantine.

Subp. 11. **Reactor.** "Reactor" means official vaccinates of dairy breeds 20 months of age and over and official vaccinates of beef breeds 24 months of age and over (as evidenced by the presence of the first pair of permanent incisor teeth) or official vaccinates under these ages that are parturient (springers) or postparturient when they disclose complete standard plate test or standard tube test agglutination reactions in the blood titer dilution of 1:200 or higher; positive to the brucellosis card test where it has been the only test conducted; disclose titers of 25 percent fixation (1+) in a dilution of 1:40 or higher on the complement fixation test, if it is performed; disclose a complete agglutination reaction in the 1:25 dilution or higher on the rivanol test, if it is performed; all other cattle more than six months of age when they disclose a complete agglutination reaction in the blood titer dilution of 1:100 or higher on the standard plate test or standard tube test; are positive to the brucellosis card test where it has been the only test conducted; disclose titers of 50 percent fixation (2+) in a dilution of 1:20 or higher on the complement fixation test; disclose a complete agglutination reaction in the 1:25 dilution or higher on the rivanol test;

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found infected by isolation of *Brucella abortus* microorganisms; and cattle which show an increasing titer on consecutive tests.

The board may accept variations when an epidemiological investigation indicates *Brucella abortus* is not present. A diagnosis of a suspect will then be accepted.

Subp. 12. Ring test. "Ring test" means the brucellosis agglutination test (BRT) of milk or cream.

Subp. 13. Suspect. "Suspect" means:

A. official vaccinates of dairy breeds 20 months of age or over and official vaccinates of beef breeds 24 months of age and over (as evidenced by the presence of the first pair of permanent incisor teeth), or official vaccinates under these ages that are parturient (springers), or postparturient when they disclose any standard plate test, or standard tube test agglutination reactions in the dilution of 1:100, or incomplete agglutination in the 1:200 dilution;

(1) vaccinated cattle serologically negative to the standard plate test or standard tube test but which are positive to the brucellosis card test, if it is performed;

(2) vaccinated cattle having less than 25 percent fixation (1+) in a dilution of 1:40 and 50 percent (2+) or more in a dilution of 1:10 to the complement fixation test, if it is performed;

B. all other cattle more than six months of age when they disclose any standard plate test, or standard tube test agglutination reactions in a blood titer dilution of 1:50, or incomplete agglutination in the 1:100 dilution;

(1) cattle serologically negative to the standard plate test or standard tube test but which are positive to the brucellosis card test, if it is performed; and

(2) cattle having less than 50 percent fixation (2+) in a dilution of 1:20 and 50 percent fixation (2+) or more in a dilution of 1:10 to the complement fixation test, if it is performed.

The board may accept variations when an epidemiological investigation indicates *Brucella abortus* is not present. A diagnosis of negative will then be accepted. When an epidemiological investigation indicates *Brucella abortus* infection is present, a diagnosis of reactor will be accepted.

Subp. 14. Suspect herd. "Suspect herd" means one in which one or more suspects but no reactors were diagnosed on the last test and which is not under an infected herd quarantine.

Subp. 15. Test and testing. "Test" and "testing" mean blood samples shall be collected and submitted by a veterinarian. Standard plate test or other field tests approved by the board may be made by a veterinarian approved by the board to conduct field tests.

All blood samples accompanied by test charts in triplicate with results of field test recorded shall be submitted to a state or state-federal laboratory to confirm the field test. The laboratory test shall be the official test if there is more than one-half titer variation between the laboratory test and the field test.

Tests used at the state or state-federal laboratory shall include the buffered acidified plate antigen test (BAP), rapid screening test (RST), standard plate test (SPT), card test (BBA), standard tube test (STT), rivanol test (RIV), complement fixation test (CF), and other tests approved by the board.

Subp. 16. Veterinarian. "Veterinarian" means a veterinarian licensed and accredited in Minnesota or a veterinarian of the United States Department of Agriculture (USDA).

Statutory Authority: *MS s 35.03*

1705.0070 HERDS INFECTED WITH BOVINE BRUCELLOSIS.

Veterinarians shall report to the board all herds infected with bovine brucellosis or suspected of being infected with bovine brucellosis. The board may demand tests of infected herds, or cattle diagnosed as suspect, or exposed cattle, or herd of origin of market cattle test reactors, or brucellosis ring test positive herds, or any cattle when necessary for the eradication of bovine brucellosis, and the owner or his agent shall present them and assist with the testing.

Statutory Authority: *MS s 35.03*

1705.0080 TESTING.

All cattle over six months of age shall be eligible for test except: steers; spayed heifers; official dairy vaccinates under 20 months of age and beef vaccinates under 24 months of age which are not parturient or postparturient; feeding cattle in a dry lot area without pasture or grazing facilities; feeding cattle of beef type and breed imported into the state on special permit, and maintained under quarantine; feeding cattle of beef type and breed sold under affidavit when under 18 months of age and maintained under quarantine. The board may test all cattle in infected herds.

Statutory Authority: *MS s 35.03*

1705.0090 BLOOD SAMPLES.

Blood samples shall be collected by a veterinarian at the owner's expense unless the board or cooperating agency authorizes collection of blood samples at state or federal expense.

Statutory Authority: *MS s 35.03*

1705.0100 IDENTIFICATION OF TESTED CATTLE.

Cattle tested shall be individually identified by an official ear tag with the Minnesota prefix inserted in the right ear, registry tattoo, registry number, or a private ear tag inserted by the owner or his agent which individually identifies each animal in the herd.

Statutory Authority: *MS s 35.03*

1705.0110 RETESTING.

Suspects, exposed cattle, and infected herds shall be retested at approximately 30-day intervals.

Statutory Authority: *MS s 35.03*

1705.0120 REACTORS.

Reactors are to be identified and appraised upon demand within 15 days of the test date, and with an official reactor tag in the left ear and a "B" hot brand at least two by two inches on the left jaw. Reactors must be sold within 15 days of appraisal for slaughter only, with a shipping permit. The time intervals may be extended by the cooperating state and federal officials for reasons mutually accepted.

Statutory Authority: *MS s 35.03*

1705.0130 QUARANTINES.

Quarantines shall be established on all cattle in infected herds confining all cattle to the premises where tested and restraining them from water courses by fencing and from contacting adjacent herds. Cattle diagnosed suspect, or exposed cattle other than those in infected herds, or herd of origin of market cattle test reactors shall be quarantined to premises where tested or herd of origin.

Statutory Authority: *MS s 35.03*

1705.0140 NOTICE OF BRUCELLOSIS QUARANTINE.

The board shall serve written notice of the brucellosis quarantine on the owner either personally or by mail to the owner's post office address as on the test chart.

Statutory Authority: *MS s 35.03*

1705.0150 RELEASE OF INFECTED HERD QUARANTINE.

Infected herd quarantines will be released after two consecutive negative herd tests, the first conducted at least 30 days after slaughter of all reactors, and the second test not less than 90 days following the first negative test. An additional blood test of all test-eligible cattle in the herd shall be made not less than six months after release of an infected herd quarantine.

Statutory Authority: *MS s 35.03*

1705.0160 EXCEPTION TO INTERVALS BETWEEN TESTS.

Exceptions to intervals between tests are allowable when *Brucella abortus* Strain 19 organisms have been isolated from the reactor, or all epidemiologic evidence is consistent with *Brucella abortus* Strain 19 infection and not with virulent infection.

Statutory Authority: *MS s 35.03*

1705.0170 SUSPECTS AND EXPOSED CATTLE.

Suspects and exposed cattle other than those in infected herds will be released from quarantine when on the basis of tests and supplemental test results a negative or vaccinate status is allowed, or when suspects or exposed cattle are shipped for slaughter with a shipping permit. If suspects requiring retest are not available, a complete herd test is necessary unless it is determined on the basis of epidemiological investigation and evaluation of two or more consecutive retest and supplemental test results that the herd test is not indicated if the suspect is shipped for slaughter with a shipping permit.

Statutory Authority: *MS s 35.03*

1705.0180 QUARANTINES ON HERD OF ORIGIN OF MARKET CATTLE TEST REACTORS.

Quarantines on herd of origin of market cattle test reactors will be released if a herd test disclosed no additional reactors and there is no evidence suggestive of *Brucella* infection or exposure thereto.

Statutory Authority: *MS s 35.03*

1705.0190 QUARANTINE ON ENTIRE HERD PENDING FINAL DIAGNOSIS.

A quarantine may be established on an entire herd until a final diagnosis is made when an animal from the herd discloses a reaction to the brucellosis test. An infected herd quarantine shall be established if a reactor diagnosis is made. A quarantine on a herd shall be released if a suspect diagnosis is made.

Statutory Authority: *MS s 35.03*

1705.0200 RESTRICTED AREA QUARANTINES.

Restricted area quarantines may be established by the board when an owner refuses to comply with any part of these rules, confining all cattle to a defined area until the owner complies with the rule.

Statutory Authority: *MS s 35.03*

1705.0210 DISEASES OF DOMESTIC ANIMALS

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1705.0210 MOVEMENT OF BRUCELLOSIS QUARANTINED CATTLE.

Brucellosis quarantined cattle shall be sold only for slaughter at establishments where federal meat inspection is maintained, or to public stockyards or state and federal markets approved to receive brucellosis quarantined cattle for sale to such establishments for slaughter and must be accompanied by a shipping permit. Reactors must be identified as provided in part 1705.0120. Exposed cattle moved to slaughter or interstate must be identified with a hot "S" brand at least two by two inches on the left jaw.

Statutory Authority: *MS s 35.03*

1705.0220 MOVEMENT OF BRUCELLOSIS SUSPECTS OR EXPOSED CATTLE.

Brucellosis suspects or exposed cattle may be returned to their herd of origin from markets without being "S" branded if accompanied by a shipping permit.

Statutory Authority: *MS s 35.03*

1705.0230 BRUCELLOSIS-NEGATIVE QUARANTINED CATTLE.

Brucellosis-negative quarantined cattle may be moved to other premises of the owner if accompanied by a shipping permit issued by the board.

Statutory Authority: *MS s 35.03*

1705.0240 SHIPPING PERMIT.

The owner shall give the shipping permit to the transporting agent, who shall give it to the consignee or his agent at the time the cattle are delivered, who shall receipt it and return it to the board. Copies of all shipping permits issued are to be submitted to the board.

Statutory Authority: *MS s 35.03*

1705.0250 INFECTED PREMISES.

Infected premises shall be cleaned and disinfected under regulatory supervision within 15 days following removal of reactors. Extension and exemption may be authorized by the cooperating state and federal officials.

Statutory Authority: *MS s 35.03*

1705.0260 OFFICIAL VACCINATION.

Brucella vaccine shall be licensed by the United States Department of Agriculture. Vaccine shall be sold to and administered by veterinarians only. Vaccine shall be administered by the method and dosage described by the manufacturer or the board.

Brucella vaccine may be administered to female dairy cattle two through five months of age (60 to 179 days) and female beef cattle two through seven months of age (60 to 239 days).

Statutory Authority: *MS s 35.03*

1705.0270 IDENTIFICATION OF VACCINATED CATTLE.

Cattle vaccinated must be identified with an official Minnesota vaccination tag in the right ear and a vaccination tattoo in the right ear. If already identified with an ear tag or an individual registration tattoo, an official Minnesota vaccination tag is not required. The vaccination tattoo will include US Registered "Shield and V," which will be preceded by a number indicating the quarter of the year and will be followed by a number corresponding to the last digit of the year vaccination was done.

Statutory Authority: *MS s 35.03*

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1705.0280 OFFICIAL MINNESOTA VACCINATION TAGS.

Official Minnesota vaccination tags shall be applied by the veterinarian or under his direct supervision only at the time the vaccination is conducted. Vaccination tags shall not be used for retagging.

Statutory Authority: *MS s 35.03*

1705.0290 RETATTOOING.

Cattle shall not be retattooed with the vaccination tattoo unless a veterinarian obtains a permit from the board. Permits may be issued if the cattle have the same identification as at time of vaccination and the vaccination report is on file at the office of the board.

Statutory Authority: *MS s 35.03*

1705.0300 REPORTS OF VACCINATIONS.

Complete reports of vaccinations shall be submitted to the board within 14 days of the vaccination on forms supplied.

Statutory Authority: *MS s 35.03*

1705.0310 CATTLE VACCINATED WITH BRUCELLA ABORTUS STRAIN 19 VACCINE.

Cattle vaccinated with *Brucella abortus* Strain 19 vaccine other than females of authorized ages shall not be official vaccinates, but shall be quarantined and when tested diagnosed as unvaccinated cattle.

Statutory Authority: *MS s 35.03*

1705.0320 AREA PLAN PARTICIPATION.

The ring test shall be conducted at least three times per year at approximately equal intervals. Herds with suspicious ring tests are to be tested within 30 days.

The board may collect blood samples for the brucellosis test from breeding cattle two years of age and over at concentration points, locker plants, and slaughtering establishments. Reactors must be traced to herd of origin and the herd tested within 30 days or quarantined for test within six months.

Statutory Authority: *MS s 35.03*

1705.0330 COMMUNITY NOTIFICATION OF BRUCELLOSIS AFFECTED HERDS.

The board shall notify other owners and caretakers of cattle herds of an affected herd by means of an educational letter delivered through personal contact or by mail within 30 days of the issuance of the quarantine. The board shall determine the size of the notification area. When the infected herd quarantine is released, the herd owners and caretakers shall also be notified within 30 days by an educational letter delivered through personal contact or by mail.

Statutory Authority: *MS s 35.03*

1705.0340 ADJACENT HERD AND EPIDEMIOLOGICALLY TRACED HERD TESTING.

The board may demand tests on adjacent herds, or herds sharing common pasture, having other contact with the affected herd, or herds containing previous purchases from or exchanges with the affected herd. Such herds may be placed under quarantine until the test is completed.

The board may recommend a second test of herds described in the preceding paragraph. If the second test is not made, the veterinarian shall

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document the reasons the herd was not tested and furnish the owner a copy of such document.

Statutory Authority: *MS s 35.03*

1705.0350 ESTABLISHMENT AND MAINTENANCE OF CERTIFIED BRUCELLOSIS-FREE HERDS OF CATTLE.

An agreement to comply with these rules shall be signed and filed with the board by the owner.

Statutory Authority: *MS s 35.03*

1705.0360 CERTIFICATION.

When at least two consecutive negative herd tests of all eligible cattle over six months of age are conducted not less than ten months or more than 14 months apart, the herd will be certified for a period of one year (365 days) and a certified herd certificate issued.

Statutory Authority: *MS s 35.03*

1705.0370 CANCELLATION OF CERTIFICATION.

Certification will be canceled if: additions to the herd are made contrary to part 1705.0380; if two or more reactors are disclosed in the herd; and if only one reactor is disclosed, the certification is suspended until infected herd quarantine is released.

Statutory Authority: *MS s 35.03*

1705.0380 ADDITIONS TO CERTIFIED HERD.

No test requirements for cattle originating from certified brucellosis-free herds. Cattle originating from certified brucellosis-free areas shall pass a negative test within 30 days prior to addition to a herd. Cattle added to a certified brucellosis-free herd under this provision shall not receive new herd status for sale purposes until they have passed a 45 to 120 day postentry retest.

Statutory Authority: *MS s 35.03*

1705.0390 CATTLE FROM HERDS NOT UNDER QUARANTINE IN MODIFIED CERTIFIED AREAS.

Cattle originating from herds not under quarantine in modified certified areas shall have passed a brucellosis test within 30 days prior to date of movement and then kept in isolation until they have passed a brucellosis retest made between 45 and 120 days after being moved. Cattle added to a certified brucellosis-free herd under this provision shall not receive new herd status for sale purposes until they have passed a 45 to 120 day postentry retest.

Statutory Authority: *MS s 35.03*

1705.0400 CATTLE FROM NONCERTIFIED AREAS.

Cattle from noncertified areas must originate from a herd which has passed a brucellosis test within 12 months and must have passed an additional test made at least 60 days after the herd test and within 30 days prior to movement and then kept in isolation until they have passed a brucellosis retest made between 45 and 120 days after being moved. Cattle added to a certified brucellosis-free herd under this provision shall not receive new herd status for sale purposes until they have passed the 45 to 120 day postentry retest.

Statutory Authority: *MS s 35.03*

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1705.0410 NONTEST ELIGIBLE VACCINATED CATTLE.

Nontest eligible vaccinated cattle, except cattle originating from a certified brucellosis-free herd must be kept isolated until they have passed a brucellosis test. Cattle added to a certified brucellosis-free herd under this provision shall not receive new herd status until they have passed the 45 to 120 day postentry test.

Statutory Authority: *MS s 35.03*

1705.0420 RECERTIFICATION.

All test-eligible cattle in the herd over six months of age are required to pass a brucellosis test within 60 days prior to the anniversary date for continuous certification. If the certification test is conducted within 60 days following the anniversary date, the certification period will be 12 months from the anniversary date and not 12 months from the date of the recertifying test.

Statutory Authority: *MS s 35.03*

1705.0430 SALES OF CATTLE AND LEASING OR LOANING CATTLE FOR BREEDING.

All dairy cattle over six months (209 days) of age and beef cattle eight months (240 days) of age and over must be tested negative for brucellosis within 30 days prior to sale or lease or loan except:

- A. cattle sold directly to a slaughtering establishment for immediate slaughter;
- B. cattle consigned to a public stockyards or state and federal approved markets;
- C. steers and spayed heifers;
- D. cattle from a certified brucellosis-free herd;
- E. official dairy vaccinates under 20 months of age and beef vaccinates under 24 months of age not parturient or postparturient;
- F. female feeding cattle under 18 months of age of beef type and breed sold in accordance with Minnesota Statutes, section 35.245, subdivision 3 providing:

(1) the purchaser furnishes the seller and board copies of complete affidavits as furnished by the board;

(2) the board may inspect the cattle and the premises on which they are maintained at any reasonable time; and

(3) there are facilities to maintain said cattle separate and apart from all other cattle except steers, spayed heifers, or other quarantined feeding cattle. The facilities shall include double fencing where the cattle are confined in such a manner as to prevent access to other cattle in adjoining yards, pastures, or fields, and such fencing as may be necessary to prevent access of the quarantined cattle to water courses or drainage ditches which flow through or discharge on such other yards, pastures, or fields.

Statutory Authority: *MS s 35.03*

1705.0440 ACCOUNTING TO BOARD FOR QUARANTINED FEEDING CATTLE.

The owner shall account to the board for all quarantined feeding cattle, reporting those sold directly for slaughter, those resold for feeding (with an affidavit), those tested with permission of the board for sale as breeding stock, those which died, and those which were slaughtered for consumption by the owner.

Statutory Authority: *MS s 35.03*

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1705.0450 CATTLE IMPROPERLY MAINTAINED.

If at any time it is determined that the cattle are not maintained in accordance with the terms of the affidavit or the rules of the board, the owner shall immediately correct the facilities for segregation and employ a veterinarian, at owner's expense, to test all cattle which have associated with or have been exposed to the quarantined cattle.

Statutory Authority: *MS s 35.03*

1705.0460 CERTIFICATES.

The vendor of all cattle eligible for test sold, leased, or loaned shall provide the purchaser or lessee a certificate with a record of a negative brucellosis test, and, for official vaccinates not eligible for test, a certificate of vaccination or evidence of a legible official vaccination tattoo. Certificates are to be provided at the time possession of the cattle is transferred.

Statutory Authority: *MS s 35.03*

1705.0470 CATTLE OFFERED FOR SALE AT PUBLIC AUCTION.

For cattle offered for sale at a public auction, a complete certificate of test and vaccination shall be posted in a prominent place on the sale premises on a form provided by the board and shall include the number of suspects disclosed on the sale test and not offered for sale and a statement signed by the owner showing the number of reactors and suspects in the herd within six months prior to date of the sale test. Except for vaccinates not eligible for test and without a legible official vaccination tattoo, individual certificates are not required.

Statutory Authority: *MS s 35.03*

1705.0480 DEALER RECORD KEEPING.

Any dealer who purchases, deals in, or sells cattle; or who acts as a commission representative or broker; or who operates and conducts an auction where cattle are sold shall maintain records for a period of two years as outlined in these rules.

Statutory Authority: *MS s 35.03*

1705.0490 CONTENTS OF RECORDS.

The records shall be maintained on all cattle except calves six months of age and under, steers, spayed heifers, and female feeding cattle under 18 months of age of beef type and breed imported into Minnesota under special permit or sold in Minnesota under affidavit by: individually identifying each animal; showing the origin of each animal; showing the destination of each animal; showing the date of each transaction.

Statutory Authority: *MS s 35.03*

1705.0500 ORIGIN AND DESTINATION OF CATTLE.

Dealers shall upon request furnish the board the origin and destination of any cattle handled by them when essential to determine the source and dissemination of disease.

Statutory Authority: *MS s 35.03*

1705.0510 TEST ELIGIBLE CATTLE WITHOUT NEGATIVE BRUCELLOSIS TEST.

Any test eligible cattle sold, leased, or loaned without a negative brucellosis test within 30 days prior to sale, leasing, or loaning shall be quarantined to the premises of the person that received the cattle. The quarantine will be in effect until the cattle are tested for brucellosis at the expense of the vendor. Cattle

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which do not pass the brucellosis test shall be shipped for slaughter or returned to the premises of the vendor by permit issued by the board.

Statutory Authority: *MS s 35.03*

1705.0520 COMPLETE HERD CONDEMNATION, EXCEPT STEERS, INCLUDING NONREACTORS AND EXPOSED CATTLE NOT ELIGIBLE FOR TEST.

The Board of Animal Health through its secretary and executive officer may condemn a complete herd, except steers, after having considered recommendations from the following: field veterinarian responsible for the herd; state brucellosis epidemiologist; federal veterinarian in charge; veterinarian in charge, brucellosis division, Board of Animal Health.

Statutory Authority: *MS s 35.03*

1705.0530 FACTORS TO BE CONSIDERED IN CONDEMNATION.

The persons named in part 1705.0520 shall consider the following factors:

- A. Danger of transmission to other herds; number and percent of abortions among reactors, suspects, and negatives;
- B. Supplemental test results;
- C. Evaluation of management practices;
- D. Vaccination history;
- E. Epidemiologic investigation;
- F. Status of area as determined by tests on contact herds and surveillance testing with MCT or BRT;
- G. Results of culture attempts to isolate *Brucella*. A positive culture, other than Strain 19, shall support a decision to condemn, but a negative culture does not prohibit herd condemnation; and
- H. Rapidity of spread within the herd. Nonreactors and exposed cattle may be condemned after the first test of all eligible cattle in the herd when 25 percent or more of the cattle tested are reactors. Nonreactors and exposed cattle may be condemned when the cumulative number of reactors disclosed in the herd equals 30 percent of the number of cattle on the first test of all eligible cattle in the herd. Nonreactors and exposed cattle may be condemned when a herd remains infected after six tests conducted at approximately 30-day intervals.

Statutory Authority: *MS s 35.03*

1705.0540 CONDEMNATION OR APPRAISAL OF NONREACTORS AND EXPOSED CATTLE.

Nonreactors and exposed cattle shall not be condemned or appraised unless the owner signs an agreement which provides:

- A. Owner and any other holder of an interest in the herd certifies such interest and voluntarily agrees to the condemnation of the herd.
- B. All cattle, except steers, shall be condemned and appraised. Steers may be kept on the premises under quarantine in an area approved by the board.
- C. No cattle, except steers, shall be brought to the premises sooner than 30 days following shipment of the condemned herd.
- D. Indemnity will be paid, if funds are available, as provided by Minnesota Statutes, section 35.09, subdivision 2a.
- E. Nonreactors and exposed cattle will be identified, appraised, and sold as outlined in part 1705.0120.
- F. Premises shall be cleaned and disinfected following shipment of nonreactors and exposed cattle as outlined in part 1705.0210.

Statutory Authority: *MS s 35.03*

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CONTROL OF ANAPLASMOSIS

1705.0550 OFFICIAL ANAPLASMOSIS TEST.

A test for the diagnosis of anaplasmosis approved by the board and conducted in a United States Department of Agriculture (USDA) approved laboratory on samples submitted by an accredited veterinarian or a board-approved field test conducted by an accredited veterinarian.

Statutory Authority: *MS s 35.251*

1705.0560 REPORT BY VETERINARIANS.

Veterinarians shall report all cases of anaplasmosis they diagnose in cattle and all cases suspected of being anaplasmosis.

Statutory Authority: *MS s 35.251*

1705.0570 TESTS AT OWNER'S EXPENSE.

All anaplasmosis tests will be at owner's expense except tests conducted to release quarantines which may be made by veterinarians of the board or United States Department of Agriculture (USDA) if personnel and funds are available.

Statutory Authority: *MS s 35.251*

1705.0580 IDENTIFICATION OF TESTED CATTLE.

All cattle tested shall be individually identified by ear tag, tattoo, registration number, or other identification which makes individual cattle readily identifiable, and the identification entered on the test charts.

Statutory Authority: *MS s 35.251*

1705.0590 QUARANTINES.

Quarantines will be established by the board, as authorized in Minnesota Statutes, section 35.05, on all cattle herds in which a clinical diagnosis or a laboratory diagnosis of anaplasmosis other than a diagnosis based only on serological tests is made. The quarantine will be served on the owner.

Statutory Authority: *MS s 35.251*

1705.0600 RELEASE OF QUARANTINES.

Quarantines on infected herds will be released: when the entire herd has been shipped for slaughter with a shipping permit or; when all cattle in the herd six months of age and over have been tested and are negative; on all cattle negative on two tests conducted at least 30 days apart if all cattle responding on the first test were segregated when the owner was notified of the response, and shipped for slaughter with a shipping permit, or retained and treated under veterinary supervision at owner's expense.

Statutory Authority: *MS s 35.251*

1705.0610 QUARANTINES ON CATTLE WITH POSITIVE RESPONSE ON ANAPLASMOSIS TEST.

Quarantines will be established on all cattle which have a positive response on any test for anaplasmosis. The quarantine will be served on the owner.

The quarantine will be released when the responding animal is shipped for slaughter with a shipping permit and when the responding animal is tested and negative.

Statutory Authority: *MS s 35.251*

1705.0630 IMMUNIZATION.

Vaccines for immunization of cattle for anaplasmosis are to be used only with prior permission of the board.

Statutory Authority: *MS s 35.251*

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CONTROL OF BOVINE PARATUBERCULOSIS IN MINNESOTA

1705.0640 DEFINITIONS.

Subpart 1. **Board.** "Board" means the Board of Animal Health or its authorized agent.

Subp. 2. **Herd.** "Herd" means all cattle under common ownership or supervision that are grouped on one or more parts of a single premises or all cattle on two or more premises geographically separated but on which the cattle have been interchanged or where there has been contact of cattle between the premises.

Subp. 3. **Infected herd.** "Infected herd" means one in which one or more reactors were diagnosed or Mycobacterium paratuberculosis has been identified.

Subp. 4. **Owner.** "Owner" means the legal owner, his agents, and the person in possession of or caring for the cattle referred to.

Subp. 5. **Reactor.** "Reactor" means an animal with a positive reaction to a test using Johnin or from which Mycobacterium paratuberculosis has been isolated and identified.

Subp. 6. **Suspect.** "Suspect" means a heifer under 750 pounds which shows a response when tested with Johnin for removal from a dry feedlot on infected premises.

Subp. 7. **Suspect herd.** "Suspect herd" means one in which a clinical diagnosis of paratuberculosis has been made by a veterinarian or in which characteristic acid-fast organisms have been demonstrated in rectal scrapings or fecal smears or histopathological sections.

Subp. 8. **Test; testing.** "Test" and "testing" mean the cervical intradermic injection of Johnin and palpation of the injection site 48 hours after the injection or the intravenous injection of Johnin with recording of postinjection temperatures by a veterinarian, or smears of rectal scrapings or fecal samples for culturing submitted to an official laboratory by a veterinarian for evaluation or other tests as approved by the board.

Subp. 9. **Veterinarian.** "Veterinarian" means a veterinarian licensed and accredited in Minnesota or a veterinarian of the USDA.

Statutory Authority: *MS s 35.03*

1705.0650 REPORT BY VETERINARIAN.

Veterinarians shall report to the board all herds infected with or suspected of being infected with paratuberculosis.

Statutory Authority: *MS s 35.03*

1705.0660 DEMAND FOR TESTS.

The board may demand tests of cattle suspected of being infected with or exposed to paratuberculosis when necessary to protect other cattle from the infection.

Statutory Authority: *MS s 35.03*

1705.0670 TESTING.

Approved procedures are to be used in application of the tests.

Statutory Authority: *MS s 35.03*

1705.0680 PARTIAL HERD TESTS.

Partial herd tests for diagnostic purposes can be made using one or more of the approved tests.

Statutory Authority: *MS s 35.03*

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1705.0690 COMPLETE HERD TESTS.

On complete herd tests all cattle in the herd shall be tested except cattle confined to a dry feedlot which cattle will be quarantined and must be shipped for slaughter only after the feeding period.

Statutory Authority: *MS s 35.03*

1705.0700 HEIFERS UNDER 750 POUNDS.

Heifers under 750 pounds may be removed from the quarantined feedlot to the breeding herd on the premises if they show no response when tested with Johnin. If they show a response, they shall be diagnosed as suspects and be shipped with a shipping permit for slaughter only under inspection or be returned under quarantine to the feedlot on the infected premises until shipped with a shipping permit for slaughter only under inspection.

Statutory Authority: *MS s 35.03*

1705.0710 TESTS INVOLVING JOHNIN.

Tests involving the use of Johnin will be conducted only by veterinarians. Rectal scrapings, fecal smears, or fecal samples for culturing may be secured and submitted to official laboratories by a veterinarian.

Statutory Authority: *MS s 35.03*

1705.0720 IDENTIFICATION OF CATTLE.

Cattle tested shall be individually identified by an official ear tag, with the Minnesota prefix, inserted in the right ear, tattoo, or other permanent identification.

Statutory Authority: *MS s 35.03*

1705.0730 RETESTS.

Retests shall be conducted at intervals of at least six months.

Statutory Authority: *MS s 35.03*

1705.0740 REACTORS.

Reactors are to be identified and appraised upon demand within 15 days of diagnosis and with an official reactor tag in the left ear and a "J" hot brand at least two inches high on the left jaw. Reactors are to be sold within 15 days of appraisal for slaughter only, at establishments where the federal government maintains meat inspection or to public stockyards or state or federal markets approved to receive reactors for sale to such establishments and shall be accompanied by a shipping permit. Offspring and dams of reactors should be branded and removed from the herd when possible. Time intervals may be extended by the board.

Statutory Authority: *MS s 35.03*

1705.0750 QUARANTINES ON INFECTED HERDS.

Quarantines will be established on all infected herds as determined by a positive Johnin test or by isolation and identification of the causative organism and on all herds suspected of being infected.

Statutory Authority: *MS s 35.03*

1705.0760 NOTICE OF QUARANTINE.

The board will serve written notice of the paratuberculosis quarantine on the owner personally or by mail to the owner's post office address.

Statutory Authority: *MS s 35.03*

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1705.0770 RELEASE OF QUARANTINE ON SUSPECT HERD.

Quarantines on herds suspected of being infected will be released when after investigation the board determines to the best of its ability that paratuberculosis is not present in the herd.

Statutory Authority: *MS s 35.03*

1705.0780 RELEASE OF QUARANTINE ON INFECTED HERD.

Quarantines on infected herds will be released when on a complete herd test no reactors are disclosed and the board, on the basis of available evidence, believes the infection no longer exists in the herd. Infected herds released from quarantine should be retested 12 months later.

Statutory Authority: *MS s 35.03*

1705.0790 MOVEMENT OF QUARANTINED CATTLE.

Paratuberculosis reactors must be accompanied by a shipping permit and sold for slaughter only at establishments where federal inspection is maintained or to public stockyards or state or federal markets approved to receive reactors for sale to such establishments for slaughter within 15 days of appraisal as a reactor.

Statutory Authority: *MS s 35.03*

1705.0800 NEGATIVE QUARANTINED CATTLE.

Negative quarantined cattle may be moved if accompanied by a shipping permit, for immediate slaughter under federal meat inspection or to other premises of the owner.

Statutory Authority: *MS s 35.03*

1705.0810 MOVEMENT TO DRY FEEDLOT.

Cattle from a quarantined herd may be moved on a permit issued by the board to a dry feedlot approved by the board for the feeding period after which they must be shipped with a shipping permit for slaughter only.

The feedlot and all cattle in it will be under quarantine until all of the cattle in the feedlot originating from the paratuberculosis-infected or suspect herd have been shipped for slaughter.

Statutory Authority: *MS s 35.03*

1705.0820 SHIPPING PERMIT.

The owner shall give the shipping permit to the transporting agent who shall give it to the consignee or his agent who shall receipt it and return it to the board. A copy of each shipping permit issued is to be submitted to the board.

Statutory Authority: *MS s 35.03*

1705.0830 INFECTED PREMISES.

Infected premises shall be cleaned and disinfected under regulatory supervision within 15 days following removal of reactors. Extension and exemption may be authorized by the board.

Statutory Authority: *MS s 35.03*

ERADICATION OF BOVINE TUBERCULOSIS IN MINNESOTA

1705.0840 DEFINITIONS.

Subpart 1. **Board.** "Board" means the Minnesota Board of Animal Health or its authorized agent.

Subp. 2. **Herd.** "Herd" means any number of cattle owned by one or more persons which are maintained on one or more premises and which associate with or contact one another or are cared for by the same personnel.

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Subp. 3. **Infected herd.** "Infected herd" means one or more reactors were diagnosed on the last herd test, or the herd is under an infected herd quarantine.

Subp. 4. **Negative.** "Negative" means no tissue response or a minimal pinpoint (pp) response.

Subp. 5. **Negative herd.** "Negative herd" means no reactors or suspects were diagnosed in the last herd test and the herd is not under an infected herd quarantine.

Subp. 6. **Owner.** "Owner" means the legal owner, his agents, and the person in possession of or caring for the cattle referred to.

Subp. 7. **Reactor.** "Reactor" means the tissue response was a circumscribed swelling 5mm (3/16 of an inch) in diameter (P₁) or greater, or a diffuse swelling twice as thick as the normal caudal fold (X₂) or greater unless in the professional judgment of the veterinarian a suspect diagnosis is justified.

Subp. 8. **Suspect.** "Suspect" means the tissue response was greater than negative but less than a reactor.

Subp. 9. **Suspect herd.** "Suspect herd" means one or more suspects, but no reactors were diagnosed in the last herd test and the herd is not under an infected herd quarantine.

Subp. 10. **Test and testing.** "Test" and "testing" for routine use mean the intradermic injection of tuberculin in the caudal fold by an accredited veterinarian or veterinarian of the USDA and the injection site palpated 72 hours after injection.

Subp. 11. **Veterinarian.** "Veterinarian" means a veterinarian licensed and accredited in Minnesota or a veterinarian of the USDA.

Statutory Authority: *MS s 35.03*

1705.0850 REPORT BY VETERINARIAN.

Veterinarians shall report to the board all herds of cattle infected with or suspected of being infected with bovine tuberculosis.

Statutory Authority: *MS s 35.03*

1705.0860 DEMAND FOR TESTS.

The board may demand tests of infected herds, of cattle diagnosed suspect, of suspect herds, of herd of origin of slaughtered cattle with lesions suspected of being tuberculosis, of cattle exposed to infected cattle, and any other cattle when necessary for the eradication of bovine tuberculosis, and the owner or his agent shall present them and assist with the testing.

Statutory Authority: *MS s 35.03*

1705.0870 TESTING.

Approved procedures shall be used in application of the test. Cattle injected with tuberculin shall not be moved from the premises until the test results have been determined by the veterinarian conducting the test.

Statutory Authority: *MS s 35.03*

1705.0880 CATTLE OVER 24 MONTHS.

Cattle over 24 months of age shall be eligible for test except cattle of all ages in infected herds shall be tested. Cattle of all ages known to have associated with infected cattle shall be tested.

Statutory Authority: *MS s 35.03*

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1705.0890 IDENTIFICATION OF TESTED CATTLE.

Cattle tested shall be individually identified by an official ear tag with the Minnesota prefix inserted in the right ear, tattoo, or other permanent identification.

Statutory Authority: *MS s 35.03*

1705.0900 REPORTS OF TUBERCULIN TESTS.

Reports of tuberculin tests including identification, age, sex, and breed, and a record of the responses shall be submitted to the board within 14 days of observation on forms furnished by the board.

Statutory Authority: *MS s 35.03*

1705.0910 CERVICAL TEST.

The cervical test is to be used only in infected herds, or as a comparative test, or as a special test when required for cattle for export.

Statutory Authority: *MS s 35.03*

1705.0920 INFECTED HERD.

Known infected herds are to be tested only by full-time regulatory veterinarians. Cervical and comparative tests used only as specifically approved by cooperating state and federal officials.

Statutory Authority: *MS s 35.03*

1705.0930 IDENTIFICATION OF REACTOR.

Reactors are to be identified with an official reactor tag in the left ear and a hot "T" brand approximately three inches high on the left jaw. No animal diagnosed as reactor shall be retested.

Statutory Authority: *MS s 35.03*

1705.0940 ELIGIBILITY FOR INDEMNITY.

Reactors must remain on the premises where tested until moved with a shipping permit for immediate slaughter to a slaughtering establishment under federal meat inspection, within 15 days of the appraisal to be eligible for indemnity. Appraisals shall be completed within 15 days of diagnosis.

Statutory Authority: *MS s 35.03*

1705.0950 QUARANTINE.

Quarantines shall be established on all cattle in infected herds and on cattle diagnosed as suspects in herds where only suspects are disclosed, confining these quarantined cattle to the premises where tested or herd of origin.

Statutory Authority: *MS s 35.03*

1705.0960 NOTICE OF QUARANTINE.

The board shall serve written notice of the quarantine on the owner either personally or by mail at the owner's address as stated on the test chart.

Statutory Authority: *MS s 35.03*

1705.0970 RELEASE OF QUARANTINE ON INFECTED HERD.

Quarantines on infected herd will be released when the entire herd has two negative tuberculin tests at intervals of at least 60 days, and one additional negative test six months later, and at least ten months after the slaughter of lesion reactors.

Quarantines on infected herd will be released after a 60-day negative retest if reactors disclosed "no gross lesions" at slaughter and no evidence of *Mycobacterium bovis* infection is disclosed.

Statutory Authority: *MS s 35.03*

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1705.0980 RELEASE OF QUARANTINE ON SUSPECTS.

Quarantines on suspects from a suspect herd will be released if cattle over 24 months of age in the suspect herd have been tested negative at least 60 days after the suspects were disclosed, and the suspects were negative or had been shipped for slaughter with a shipping permit.

Statutory Authority: *MS s 35.03*

1705.0990 RESTRICTED AREA QUARANTINE.

Restricted area quarantines may be established by the board when an owner refuses to comply with any part of these rules, confining all cattle to a defined area until the owner complies with the rule.

Statutory Authority: *MS s 35.03*

1705.1000 MOVEMENT OF QUARANTINED CATTLE.

Movements of quarantined cattle can only be with a shipping permit provided by the board or USDA for immediate slaughter directly to slaughter establishments under federal meat inspection or if no market is available, disposed of by rendering or burying under board supervision. The owner shall give the shipping permit to the transporting agent who shall give it to the consignee or his agent who shall receipt it and return it to the board.

Statutory Authority: *MS s 35.03*

1705.1010 INFECTED PREMISES.

Infected premises shall be cleaned and disinfected under supervision of regulatory personnel within 15 days after removal of the reactors. Extensions and exemptions may be granted by cooperating state and federal officials.

Statutory Authority: *MS s 35.03*

1705.1020 INFECTED HERDS FROM WHICH MYCOBACTERIUM BOVIS HAS BEEN ISOLATED.

Infected herds from which *Mycobacterium bovis* has been isolated shall be completely depopulated if funds are available and the depopulation is approved by the board.

Newly assembled herds on premises of a depopulation because of tuberculosis shall have all cattle tested approximately six months after assembly and retested one, four, and seven years thereafter. A complete epidemiological survey shall be conducted on these herds and other animals on the premises should be tested.

Statutory Authority: *MS s 35.03*

1705.1030 AREA PLAN PARTICIPATION.

All infected cattle, cattle showing lesions suggestive of tuberculosis at slaughter, and those showing a reactor or suspect response when tested will be traced to herd of origin, and all cattle in the herd or cattle that have associated with those showing evidence of tuberculosis shall be tested promptly and as necessary.

Statutory Authority: *MS s 35.03*

1705.1040 ESTABLISHMENT AND MAINTENANCE OF TUBERCULOSIS-FREE ACCREDITED HERD.

An agreement to comply with these rules shall be signed and filed with the board by the owner.

Statutory Authority: *MS s 35.03*

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1705.1050 ACCREDITATION.

When all cattle over 24 months of age have been found negative on an initial tuberculin test and on a retest approximately 12 months later all cattle over 24 months of age and all herd additions other than natural additions have been found negative to the tuberculin test, the herd will be accredited for a period of 12 months (365 days) and a certificate of accreditation issued.

Statutory Authority: *MS s 35.03*

1705.1060 CANCELLATION OF ACCREDITATION.

Accreditation will be canceled if: additions are made contrary to part 1705.1070; if a reactor is disclosed, or lesions suggestive of mycobacteriosis are found at slaughter.

Statutory Authority: *MS s 35.03*

1705.1070 ADDITION TO ACCREDITED HERDS.

Additions to accredited herds shall be: from an accredited herd; from a herd in an accredited free state; from a herd in a modified accredited area in which all cattle over 24 months of age were negative on a tuberculin test within 12 months, and individual cattle for addition were negative to a tuberculin test within 60 days prior to addition; from an untested herd in a modified accredited area individual cattle for addition must be negative to the tuberculin test within 60 days prior to entry and be kept isolated from all cattle in the accredited herd until negative to a tuberculin test conducted at least 60 days after entry. Cattle added under the immediately preceding three categories shall not receive accredited herd status for sale purposes until members of the herd at least 60 days and they have been included in a herd retest.

Statutory Authority: *MS s 35.03*

1705.1080 REACCREDITATION.

Herds will be reaccruited for 12 months from the anniversary date of the accreditation when all animals over 24 months of age and all additions under 24 months of age other than natural additions have been found negative to a tuberculin test and when all natural additions have been individually identified and recorded on the report of the test as members of the herd at the time of the reaccruited test. The test for reaccruited to be within a period of ten to 14 months of the anniversary date of the accreditation.

Statutory Authority: *MS s 35.03*

CONTROL OF RABIES IN MINNESOTA

1705.1090 DEFINITIONS.

Subpart 1. **Board.** "Board" shall mean the Board of Animal Health.

Subp. 2. **Effectively muzzled.** "Effectively muzzled" shall mean a dog fitted with a muzzle securely attached to the head and designed in such manner as to prevent said dog from biting any other animal or person.

Subp. 3. **Owner.** "Owner" shall mean legal owner of animal(s), or his agent, or the person in possession of or caring for such animal(s).

Subp. 4. **Person.** "Person" shall mean an individual, firm, or corporation.

Subp. 5. **Positive rabies case.** "Positive rabies case" shall mean any animal showing symptoms commonly associated with rabies which are observed and reported to the board by a veterinarian, or any animal diagnosed as positive for rabies by a recognized laboratory, or both.

Subp. 6. **Rabies specimen.** "Rabies specimen" shall mean that part of an animal, usually the head, or entire animal submitted for rabies examination.

Subp. 7. **Vaccinated.** "Vaccinated" shall mean an animal vaccinated for rabies by a licensed veterinarian with a product approved by the board.

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Subp. 8. **Veterinarian.** "Veterinarian" shall mean a graduate of a recognized veterinary college approved by the board and accredited by the United States Department of Agriculture.

Statutory Authority: *MS s 35.03*

1705.1100 REPORTING.

Any person having knowledge of or who reasonably suspects any animal to be infected with rabies shall report same to the board immediately.

Statutory Authority: *MS s 35.03*

1705.1110 SUSPECT RABIES SPECIMEN.

All suspect rabies specimens shall be shipped in suitable containers which are properly labeled or transported directly, together with a completed rabies data form to the appropriate laboratory. See directions on rabies data form.

Statutory Authority: *MS s 35.03*

1705.1120 INVESTIGATION OF POSITIVE RABIES CASE.

All known positive cases of rabies shall be investigated by a veterinarian employed by the board or the Animal Disease Eradication Division, United States Department of Agriculture. The results of each investigation shall be submitted on forms furnished by the board.

Statutory Authority: *MS s 35.03*

1705.1130 ANIMALS BITTEN OR EXPOSED BY RABID ANIMAL.

Any animal(s) determined by the veterinarian to be bitten or otherwise exposed by the rabid animal shall be humanely euthanized or quarantined for a period not to exceed six months in an animal-tight enclosure so constructed that the animal cannot get through or over and will prevent the animal from biting or coming in contact with persons or other animals, except as circumstances would allow one of the conditions in parts 1705.1140 to 1705.1180 to prevail.

Statutory Authority: *MS s 35.03*

1705.1140 RELEASE OF DOGS AND CATS FROM QUARANTINE.

Dogs and cats can be released from quarantine in 40 days under the following conditions: must have been vaccinated for rabies at least 21 days prior to exposure; and must be revaccinated for rabies immediately after exposure. Quarantine period shall commence on the date of revaccination.

Statutory Authority: *MS s 35.03*

1705.1150 DURATION OF IMMUNITY.

Rabies vaccination in dogs shall be recognized for a period of 36 months (1,095 days) when a live vaccine is administered and for a period of 12 months (365 days) when an inactivated vaccine is administered. Rabies vaccination in cats shall be recognized for a period of 12 months (365 days) when either a live or inactivated vaccine is administered.

Statutory Authority: *MS s 35.03*

1705.1160 GUIDE FOR DETERMINING VACCINATION STATUS OF DOGS AND CATS.

The Compendium of Animal Rabies Vaccines developed by the National Research Council-National Academy of Sciences which lists currently marketed rabies vaccines together with the duration of immunity for each shall be used as a guide for determining the vaccination status of dogs and cats covered by these rules. The board reserves the right to deviate from the compendium referred to

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if it becomes obsolete or if this rabies information activity is assumed by another recognized scientific agency.

Statutory Authority: *MS s 35.03*

1705.1170 RELEASE OF QUARANTINE.

Quarantines established on dogs and cats under these rules will be released 40 days after revaccination provided a written report is submitted to the board by a veterinarian stating he has inspected the dog or cat, and no signs or symptoms of rabies were observed.

Statutory Authority: *MS s 35.03*

1705.1180 QUARANTINE ON DOMESTICATED FARM ANIMALS.

Quarantines established on domesticated farm animals other than dogs and cats because of rabies exposure may be released upon request after 90 days have elapsed from date of exposure provided no new cases of rabies have developed on the premises, and further provided a written report is submitted to the board by a veterinarian stating he has inspected all animals on the premises and that no animals are showing signs or symptoms of rabies.

Statutory Authority: *MS s 35.03*

1705.1190 AREA PROCLAMATION AND QUARANTINE.

When an investigation reveals imminent danger of an epidemic of rabies developing and the secretary and executive officer of the board deems it necessary, he shall make and file a proclamation and establish a quarantine to include any territory in the state which in his judgment is necessary to control an outbreak and prevent the spread of rabies.

Statutory Authority: *MS s 35.03*

1705.1200 CONDITIONS OF PROCLAMATION NOTICE AND QUARANTINE.

In accordance with the Minnesota Statutes, sections 35.67, 35.68, and 35.69, pertaining to the control of rabies and the proclamation notice, the following shall apply when a proclamation notice and quarantine are in effect. The proclamation and quarantine shall be in effect not to exceed six months and shall be in full force five days after proper publication or posting. No dog shall be allowed to run at large within the quarantined area unless effectively muzzled or confined on a leash as described in the proclamation notice for the duration of the quarantine. It shall be the duty of all local peace officers and health officers to enforce the provisions of the rabies law and proclamation notice.

Statutory Authority: *MS s 35.03*

1705.1210 PERMIT FOR REMOVAL OF DOGS.

Special permits may be issued by the secretary and executive officer of the board for removal of dogs from a quarantined area to other points in Minnesota. Such permits will be granted only under certain conditions and with specific requirements. Removal of dogs from a quarantined area in Minnesota to other states will require prior approval from disease control officials in the state of destination.

Statutory Authority: *MS s 35.03*

SCABIES**1705.1220 OUTBREAKS OF SKIN DISEASE.**

All outbreaks of skin disease among cattle, sheep, or goats suspicious of being caused by *Psoroptes* mites shall be reported to the board. All animals affected with scabies and all animals that have been exposed to the affected animals shall be quarantined.

Statutory Authority: *MS s 35.03*

1705.1230 DURATION OF QUARANTINE.

The quarantine shall be continued until satisfactory evidence is presented to the board that the quarantined animals are not affected with scabies; or until the entire herd has been dipped, sprayed, or satisfactorily treated two or more times with an interval of ten to 14 days, using a dip approved by the USDA for treatment of scabies, the recommended withdrawal period observed, and satisfactory evidence presented to the board that the animals are no longer affected; or the entire herd has been shipped for slaughter.

Statutory Authority: *MS s 35.03*

1705.1240 ENCLOSURE.

Enclosures in which animals affected with scabies have been confined shall not be repopulated for a period of at least 30 days after untreated quarantined animals have been shipped for slaughter, or until cleaned and disinfected under supervision of the board.

Statutory Authority: *MS s 35.03*

1705.1250 DIPPING FACILITY.

Facilities used for official dipping of animals for scabies shall be approved by the board. A supervisor of the dip vat shall be authorized by the board, who will be responsible for operation of the vat, for submission of vat samples, and maintaining a record of all animals dipped for official purposes.

Statutory Authority: *MS s 35.03*

ERADICATION OF SWINE BRUCELLOSIS**1705.1550 DEFINITIONS.**

Subpart 1. **Board.** "Board" means the Board of Animal Health or its authorized agent.

Subp. 2. **Exposed swine.** "Exposed swine" means those which are part of a brucellosis infected herd or have been in contact with a brucellosis reactor for 24 hours, or less than 24 hours if reactor has recently aborted, farrowed, or has vaginal or uterine discharge.

Subp. 3. **Herd.** "Herd" means any number of swine owned by one or more persons which are maintained on one or more premises and which associate with or contact one another or are cared for by the same personnel.

Subp. 4. **Herd selling breeding stock.** "Herd selling breeding stock" means a herd from which purebred, hybrid, or grade gilts, sows, or boars are sold as replacement breeding stock on a continuing basis as a major or primary herd management objective.

Subp. 5. **Infected herd.** "Infected herd" means one in which one or more reactors has been disclosed and which has not regained a negative herd status.

Subp. 6. **Negative herd.** "Negative herd" means one in which all eligible swine six months of age and over are negative.

Subp. 7. **Negative swine.** "Negative swine" means swine showing no reaction on the test.

Subp. 8. **Owner.** "Owner" means the legal owner, his agents, and the person in possession of or caring for the swine referred to.

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Subp. 9. **Reactor swine.** "Reactor swine" means swine showing a positive reaction on the test or found infected by other diagnostic procedures. Diagnosis may be deferred on card test positive swine in a herd which is otherwise serologically, bacteriologically, and epidemiologically negative when held under herd quarantines until subjected to subsequent tests to determine the status of the swine.

Subp. 10. **Test and testing.** "Test" and "testing" mean and refer to the Brucella buffered antigen (BBA or card) test or other tests approved by the board conducted in a laboratory approved by the board on serums from blood samples collected and submitted by a veterinarian.

Subp. 11. **Validated brucellosis-free area.** "Validated brucellosis-free area" means an area which is recognized by the board and USDA as being free of swine brucellosis.

Subp. 12. **Validated brucellosis-free herd.** "Validated brucellosis-free herd" means one for which the owner holds an unrevoked and unexpired validated herd certificate.

Subp. 13. **Veterinarian.** "Veterinarian" means a veterinarian licensed and accredited in Minnesota or a veterinarian of the USDA.

Statutory Authority: *MS s 35.03*

1705.1560 REPORT TO BOARD.

Veterinarians shall report to the board all herds infected with swine brucellosis or suspicious of being infected with swine brucellosis. The board may demand tests of infected or suspicious swine, and the owner shall present them for test and assist with the testing when demanded by the board.

Statutory Authority: *MS s 35.03*

1705.1570 QUARANTINE.

The board shall quarantine exposed swine and herds suspicious of being infected with swine brucellosis. These quarantines will be released if it is determined that the herd is not infected.

Statutory Authority: *MS s 35.03*

1705.1580 MOVEMENT OF SWINE.

No exposed swine or swine under quarantine shall be moved except with a shipping permit for slaughter at a slaughtering establishment where federal inspection is maintained, or a market approved to receive quarantined swine for sale to such establishments, or return to the herd of origin with a permit.

Statutory Authority: *MS s 35.03*

1705.1590 ELIGIBILITY FOR TESTING.

Swine six months of age and over except barrows shall be eligible for test.

Statutory Authority: *MS s 35.03*

1705.1600 EXEMPTION FROM TEST.

Feeding swine isolated from all breeding swine are exempted from test.

Statutory Authority: *MS s 35.03*

1705.1610 EXPENSE OF BLOOD SAMPLE COLLECTION.

Blood samples shall be collected by a veterinarian at owner's expense unless the board or cooperating agency authorizes collection of blood samples at state or federal expense.

Statutory Authority: *MS s 35.03*

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1705.1620 DISEASES OF DOMESTIC ANIMALS

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1705.1620 IDENTIFICATION OF TESTED SWINE.

Swine tested shall be individually identified by a piercing ear tag with the uniform numbering system, a tattoo number, registry number, or other identification acceptable to the board.

Statutory Authority: *MS s 35.03*

1705.1630 RECOGNIZED TESTING LABORATORIES.

Serums from the blood samples, with three copies of the test chart, shall be submitted to an approved laboratory for testing.

Statutory Authority: *MS s 35.03*

1705.1640 QUARANTINE OF REACTORS.

Reactors shall be quarantined and be identified by an approved reactor tag in the left ear. Reactors should be removed from the premises with a shipping permit within 15 days of identification for slaughter at a slaughtering establishment where federal inspection is maintained, or a market approved to receive quarantined swine for sale to such establishments. The time may be extended by cooperating authorities.

Statutory Authority: *MS s 35.03*

1705.1650 INFECTED HERD QUARANTINE.

Infected herds shall be quarantined. The board shall serve written notice of quarantine on the owner, either personally or by mail addressed to the owner's post office address as on the test chart.

Statutory Authority: *MS s 35.03*

1705.1660 RELEASE OF QUARANTINE.

Infected herd quarantines will be released when the reactors have been shipped with a permit and slaughtered, and all remaining swine six months of age and over except barrows and feeding swine have passed two consecutive negative herd tests, the first negative test to be at least 30 days after slaughter of the reactors, and the second negative test not less than 90 days following the first. After removal of reactor swine the premises shall be cleaned and disinfected as directed by the board.

Statutory Authority: *MS s 35.03*

1705.1670 ESTABLISHMENT AND MAINTENANCE OF VALIDATED BRUCELLOSIS-FREE HERDS OF SWINE.

An agreement to comply with these rules shall be signed and filed with the board by the owner.

Statutory Authority: *MS s 35.03*

1705.1680 VALIDATION.

When the eligible swine in the breeding herd maintained under agreement have passed a negative test, the herd shall be declared a validated brucellosis-free herd for a period of one year and a validated brucellosis-free herd certificate issued by the board.

Statutory Authority: *MS s 35.03*

1705.1690 CANCELLATION OF VALIDATION.

The validation will be canceled if: additions to the herd are made contrary to part 1705.1700; the validation would be reinstated when the entire breeding herd passes a negative test; a reactor is disclosed on a herd test or on a test of any swine from the herd; the validation would be reinstated when the infected herd quarantine is released.

Statutory Authority: *MS s 35.03*

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1705.1700 SWINE ADDED TO VALIDATED HERDS.

Swine added to validated herds shall be accompanied by a record of origin or test and from a validated brucellosis-free herd or a breeding herd not under quarantine if the added swine are tested negative on the card test at an approved laboratory within 30 days prior to admission to the validated herd and isolated from all other swine until negative to a retest made at least 60 days after the first test; bred sows and gilts to have the second test at least 30 days after farrowing.

Statutory Authority: *MS s 35.03*

1705.1710 SWINE TEMPORARILY REMOVED FROM VALIDATED HERD.

Swine temporarily removed from a validated herd for exhibition or other purposes shall, upon return to the herd, be isolated from other swine until tested negative 30 to 60 days after their return.

Statutory Authority: *MS s 35.03*

1705.1720 REVALIDATION.

The herd will be revalidated for a period of one year from the validation date upon a negative herd test of all eligible swine conducted within ten to 14 months of the validation date, or if it is established that at least 20 percent of the adult breeding swine of the herd were market swine tested during the year and at least one-half of these in the last six months of the year, or that 25 percent of the adult breeding swine (six months of age and over) in the herd are tested every three months (80 to 100 days) with each breeding animal tested at least once during the year.

Statutory Authority: *MS s 35.03*

1705.1730 ESTABLISHMENT AND MAINTENANCE OF VALIDATED BRUCELLOSIS-FREE AREAS.

The entire state or any political subdivision of the state may be submitted for validation as determined by cooperating state and federal authorities.

Statutory Authority: *MS s 35.03*

1705.1740 METHOD OF INITIAL VALIDATION.

All herds selling breeding stock must be validated during a one year period at owner's expense or be revalidated. Ninety percent of all sows, boars, and stags slaughtered are to be tested, and when reactors are found, the herd of origin is to be sent to slaughter within 30 days, or tested for brucellosis until the quarantine is released. All slaughtering establishments slaughtering sows, boars, and stags shall allow and cooperate with the board in collection of necessary swine blood samples. Other methods of validation may be authorized by the board.

Statutory Authority: *MS s 35.03*

1705.1750 ADDITIONS TO HERDS IN VALIDATED BRUCELLOSIS-FREE AREAS.

Additions to herds in validated brucellosis-free areas shall be directly from:

- A. a validated brucellosis-free herd;
- B. a nonquarantined herd in validated brucellosis-free area; or
- C. a nonquarantined herd in areas which are not validated

brucellosis-free if the swine have a negative brucellosis card test conducted at an approved laboratory within 30 days prior to the date of entry and are held in isolation after being added to the herd until they have had an additional negative brucellosis card test between 60 and 90 days after the date of entry, and are accompanied by a record of such origin or test.

Statutory Authority: *MS s 35.03*

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1705.1760 FEEDING SWINE.

Feeding swine may be held on validated herd premises or enter validated areas without brucellosis tests provided the feeding swine are isolated from all breeding swine on the premises.

Statutory Authority: *MS s 35.03*

1705.1770 SWINE CONSIGNED TO SLAUGHTERING ESTABLISHMENT OR STOCKYARD.

Swine may be consigned to slaughtering establishments or to stockyards approved for sale and shipment to slaughtering establishments for slaughter in a validated brucellosis-free area without a brucellosis test provided they are transported directly to holding pens at the slaughtering establishment or at the stockyards and are not diverted en route for any other purpose.

Statutory Authority: *MS s 35.03*

1705.1780 REVALIDATION.

When the initial validation period expires, application to USDA for revalidation will be made.

Statutory Authority: *MS s 35.03*

CONTROL OF GOAT BRUCELLOSIS

1705.1790 DEFINITIONS.

Subpart 1. **Certified brucellosis-free goat herd.** "Certified brucellosis-free goat herd" means one for which the owner holds an unrevoked and unexpired certified herd certificate.

Subp. 2. **Infected herd.** "Infected herd" means one in which one or more reactors has been disclosed and which has not regained a negative herd status.

Subp. 3. **Other tests.** "Other tests" means test other than the card test approved by the board which shall be conducted and interpreted as outlined in parts 1705.0060 to 1705.0540.

Subp. 4. **Negative.** "Negative" means a goat showing no reaction on the test.

Subp. 5. **Negative herd.** "Negative herd" means one in which all goats six months of age and over are tested and negative and which herd is not under an infected herd quarantine.

Subp. 6. **Reactor.** "Reactor" means a goat showing a positive reaction on the test or proven infected by other diagnostic procedures. Diagnosis may be deferred on a goat showing a positive reaction when held under quarantine until subjected to additional tests and investigation to determine its disease status.

Subp. 7. **Suspect.** "Suspect" means a goat showing a reaction to a test that does not qualify as a reactor or negative.

Subp. 8. **Suspect herd.** "Suspect herd" means one in which one or more suspects but no reactors were diagnosed on the last test and which is not under an infected herd quarantine.

Subp. 9. **Test and testing.** "Test" and "testing" mean and refer to the Brucella buffered antigen (BBA or card) test or other tests approved by the board on serums from blood samples collected and submitted by a veterinarian.

Statutory Authority: *MS s 35.03*

1705.1800 GENERAL REQUIREMENTS.

An agreement to comply with these rules shall be signed by the owner and filed with the board.

Statutory Authority: *MS s 35.03*

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1705.1810 TESTING.

Tests shall be made at owner's expense except tests conducted to release quarantines may be made by veterinarians of the board or USDA if personnel and funds are available.

All goats six months of age and over shall be included on a herd test.

Goats tested shall be individually identified by ear tag or tattoo.

Statutory Authority: *MS s 35.03*

1705.1820 QUARANTINES ON INFECTED HERDS.

A herd shall be under quarantine when owner receives notice that reactors were disclosed. An official quarantine will be issued to the owner.

Statutory Authority: *MS s 35.03*

1705.1830 REMOVAL OF GOATS FROM QUARANTINED HERD.

No goats shall be removed from a quarantined herd unless a permit is issued by the board for shipment directly to a slaughter plant where the federal government maintains meat inspection.

The board may authorize the movement of goats from a quarantined herd to a public stockyard or to a rendering plant.

Statutory Authority: *MS s 35.03*

1705.1840 RELEASE OF QUARANTINE.

Quarantines are released after the board has been furnished evidence that the reactors have been destroyed and that the herd has passed two consecutive negative tests. The first test may be conducted no sooner than 30 days after reactors are destroyed, and the second test no sooner than 90 days after first negative test.

Statutory Authority: *MS s 35.03*

1705.1850 QUARANTINES ON SUSPECTS HELD IN SUSPECT HERDS.

Suspects shall be under quarantine when the owner receives notice that suspects were disclosed. An official quarantine will be issued to the owner.

Statutory Authority: *MS s 35.03*

1705.1860 REMOVAL OF SUSPECTS FROM QUARANTINE.

No suspects shall be removed from quarantine unless a permit is issued by the board for shipment directly to a slaughter plant where the federal government maintains meat inspection.

The board may authorize the movement of suspects to a public stockyard or to a rendering plant.

Statutory Authority: *MS s 35.03*

1705.1870 RELEASE OF QUARANTINE.

Quarantines are released if suspects are negative to a retest or after the board has been furnished evidence that suspects have been destroyed. If suspects are not available for retest, the herd shall be tested by a veterinarian of the board or USDA if personnel and funds are available.

Statutory Authority: *MS s 35.03*

1705.1880 CERTIFIED BRUCELLOSIS-FREE GOAT HERDS.

Subpart 1. **Initial certification.** When two consecutive negative herd tests of all goats six months of age and over are conducted not less than ten months or more than 14 months apart, the herd will be certified for a period of one year and a certified herd certificate issued. The expiration date on the certificate will be one year after date of final test for herd certification. Tests made for release of quarantine shall not be used for herd certification.

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Subp. 2. **Recertification.** A negative herd test on all goats six months of age and over within 60 days prior to each anniversary of the certificate date is required for continuous certified herd status. If the negative recertification test is conducted within 60 days following the anniversary date, the recertification is for 12 months from the anniversary date.

Statutory Authority: *MS s 35.03*

1705.1890 ADDITIONS TO CERTIFIED HERDS AND HERDS IN PROCESS OF CERTIFICATION.

Additions to certified herds and herds in process of certification shall:

A. originate from certified herds; or

B. originate from negative herds tested within one year; added animals shall also be negative to a test conducted more than 60 days following herd test and within 30 days prior to joining the herd.

Goats from all other herds shall be negative to a test made within 30 days prior to being brought to premises and then kept in isolation until negative to a retest made no sooner than 30 days from previous test.

Additions to herd shall not receive certified herd status until they have been members of the herd for at least 30 days and are included in a complete herd test.

Statutory Authority: *MS s 35.03*

1705.1900 TEMPORARY TRANSFER OF MALES OR FEMALES FOR BREEDING TO A CERTIFIED HERD OR A HERD IN PROCESS OF CERTIFICATION.

The animals shall originate from a herd with the status described in part 1705.1890, item A or B.

Statutory Authority: *MS s 35.03*

1705.1910 PUBLIC EXHIBITIONS.

Goats originating directly from a certified herd will be eligible for public exhibitions without the test for brucellosis required by parts 1715.0010 to 1715.0190, and it is recommended that such goats be isolated from the certified herd until tested negative 30 to 60 days after their return.

Statutory Authority: *MS s 35.03*

1705.1920 REVOCATION OF CERTIFIED BRUCELLOSIS-FREE CERTIFICATE.

Certificate will be canceled by the board if: one or more reactors are disclosed in the herd; one or more reactors disclosed in animals removed from the herd within 30 days following date such animals were removed; and one or more animals are added to the herd contrary to parts 1705.1890 and 1705.1900.

If a certificate is canceled, the herd may be recertified providing the requirements for initial certification described in part 1705.1880, subpart 1 are met.

Statutory Authority: *MS s 35.03*

1705.1930 OTHER TESTS.

Tests other than those made under the agreement described in part 1705.1800 to establish certified brucellosis-free goat herds. The provisions of parts 1705.1810 to 1705.1870 shall apply to all goats tested in Minnesota if such tests disclose suspects or reactors.

Statutory Authority: *MS s 35.03*

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CONTROL OF GOAT TUBERCULOSIS

1705.1940 DEFINITIONS.

Subpart 1. **Accredited tuberculosis-free goat herd.** "Accredited tuberculosis-free goat herd" means one for which the owner holds an unrevoked and unexpired accredited herd certificate.

Subp. 2. **Infected herd.** "Infected herd" means one or more reactors were diagnosed on the last herd test, or the herd is under an infected herd quarantine.

Subp. 3. **Negative.** "Negative" means no tissue response to the caudal fold injection or a negative diagnosis on comparative cervical test.

Subp. 4. **Negative herd.** "Negative herd" means no reactors or suspects were diagnosed in the last herd test and the herd is not under an infected herd quarantine.

Subp. 5. **Reactor.** "Reactor" means a reactor diagnosis on comparative cervical test.

Subp. 6. **Suspect.** "Suspect" means a suspect diagnosis on comparative cervical test.

Subp. 7. **Suspect herd.** "Suspect herd" means one or more suspects, but no reactors were diagnosed in the last herd test, and the herd is not under an infected herd quarantine.

Subp. 8. **Test and testing.** "Test" and "testing" mean the intradermic injection of tuberculin in the caudal fold by an accredited veterinarian or a veterinarian of the USDA and the injection site observed and palpated 72 hours after injection. On all goats which respond to the caudal fold injection, a comparative cervical test will be made within ten days or after 60 days following date of caudal fold injection by a veterinarian of the board or USDA.

Statutory Authority: *MS s 35.03*

1705.1950 GENERAL REQUIREMENTS.

An agreement to comply with these rules shall be signed by the owner and filed with the board.

Statutory Authority: *MS s 35.03*

1705.1960 TESTING.

Tests, except comparative cervical tests, shall be made at owner's expense. Tests conducted to release quarantines may be made by veterinarians of the board or USDA if personnel and funds are available.

All goats six months of age and over shall be included on a herd test.

Goats tested shall be individually identified by ear tag or tattoo.

Veterinarians shall report to the board by telephone immediately following observation when goats respond to caudal fold injection. Negative tests shall be reported within 14 days of observation on forms furnished by the board.

Statutory Authority: *MS s 35.03*

1705.1970 SUSPECT HERDS QUARANTINE.

Suspects maintained in suspect herds shall be under quarantine until diagnosed negative or reactor by a comparative cervical test which test may be made 60 days after suspect is disclosed. An official quarantine will be issued to the owner.

Statutory Authority: *MS s 35.03*

1705.1980 INFECTED HERDS QUARANTINE.

Infected herds shall be under quarantine which will remain in force until reactors are destroyed and the herd passes three consecutive negative tests. The first test is to be made no sooner than 60 days following date reactors are destroyed, the second test no sooner than 60 days following the first negative test, and the third test no sooner than six months following the second negative

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test. An official quarantine will be issued to the owner.

Statutory Authority: *MS s 35.03*

1705.1990 MOVEMENT OF GOATS FROM QUARANTINED HERD.

No goats shall be removed from a quarantined herd unless a permit is issued by the board for shipment directly to a slaughter plant where the federal government maintains meat inspection. The board may authorize the movement of goats from a quarantined herd to a public stockyard or to a rendering plant.

Statutory Authority: *MS s 35.03*

1705.2000 ACCREDITATION OF GOAT HERDS TUBERCULOSIS-FREE.

Subpart 1. **Initial accreditation.** When two consecutive negative herd tests of all goats six months of age and over are conducted not less than ten months or more than 14 months apart, the herd will be accredited for a period of one year and an accredited herd certificate issued. The expiration date on the certificate will be one year after date of final test for herd accreditation.

Subp. 2. **Reaccreditation.** A negative herd test on all goats six months of age and over within 60 days prior to each anniversary of the certificate date is required for continuous accredited herd status. If the negative reaccreditation test is conducted within 60 days following the anniversary date, the reaccreditation is for 12 months from the anniversary date.

Statutory Authority: *MS s 35.03*

1705.2010 ADDITIONS TO ACCREDITED HERDS AND HERDS IN PROCESS OF ACCREDITATION.

Additions to accredited herds and herds in process of accreditation shall:

A. originate from accredited herds; or

B. originate from negative herds tested within one year; added animals shall also be negative to a test conducted more than 60 days following herd test and within 60 days prior to joining herd.

Goats from all other herds shall be negative to a test made within 60 days prior to being brought to premises and then kept in isolation until negative to a retest made no sooner than 60 days from previous test.

Additions to herd shall not receive accredited herd status until they have been members of the herd for at least 60 days and are included in a complete herd test.

Statutory Authority: *MS s 35.03*

1705.2020 TEMPORARY TRANSFER OF MALES OR FEMALES FOR BREEDING TO ACCREDITED HERD OR HERD IN PROCESS OF ACCREDITATION.

The animals shall originate from a herd with the status described in part 1705.2010, item A or B.

Statutory Authority: *MS s 35.03*

1705.2030 PUBLIC EXHIBITIONS.

Goats originating directly from an accredited herd will be eligible for public exhibitions without the test for tuberculosis required by parts 1715.0010 to 1715.0190 and it is recommended that such goats be isolated from the accredited herd until tested negative 60 to 120 days after their return.

Statutory Authority: *MS s 35.03*

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1705.2040 REVOCATION OF ACCREDITED TUBERCULOSIS-FREE CERTIFICATE.

Certificate will be canceled if one or more reactors are disclosed in the herd; if one or more reactors are disclosed in animals removed from herd within 30 days following the date such animals are removed; and if one or more animals are added to the herd contrary to parts 1705.2010 and 1705.2020.

If a certificate is canceled, the herd may be reaccredited providing the requirements for initial accreditation described in part 1705.2000, subpart 1 are met.

Statutory Authority: *MS s 35.03*

1705.2050 OTHER TESTS.

Tests other than those made under the agreement described in part 1705.1950 to establish accredited tuberculosis-free goat herds. The provisions of parts 1705.1960 to 1705.1980 shall apply to all goats tested in Minnesota if such tests disclose suspects or reactors.

Statutory Authority: *MS s 35.03*

CONTROL OF PSEUDORABIES

1705.2060 DEFINITIONS.

Subpart 1. **Official pseudorabies test.** "Official pseudorabies test" is a test for the diagnosis of pseudorabies approved by the board, and conducted in a USDA approved laboratory on samples collected, and submitted by an accredited veterinarian or a board-approved field test conducted by an accredited veterinarian.

Subp. 2. **Official pseudorabies vaccinate.** "Official pseudorabies vaccinates" are swine which have been vaccinated with a USDA licensed pseudorabies vaccine by an accredited veterinarian, individually identified with a numbered pink eartag, and reported as official vaccinates to the board at the time of vaccination.

Statutory Authority: *MS s 35.03*

1705.2070 REPORT BY VETERINARIAN.

Veterinarians shall report all cases of pseudorabies they diagnose and all cases suspected of being pseudorabies.

Statutory Authority: *MS s 35.03*

1705.2080 EXPENSE OF PSEUDORABIES TESTS.

All pseudorabies tests will be at owner's expense except tests conducted to release quarantines which may be made by veterinarians of the board or USDA if personnel and funds are available.

Statutory Authority: *MS s 35.03*

1705.2090 IDENTIFICATION OF TESTED SWINE.

All swine tested shall be individually identified by ear tag, tattoo, registration number, or other identification which makes individual swine readily identifiable, and the identification entered on the test chart.

Statutory Authority: *MS s 35.03*

1705.2100 QUARANTINE.

Quarantines will be established by the board as authorized in Minnesota Statutes 1978, section 35.05 on all swine herds in which a reactor to an official pseudorabies test is disclosed, or a clinical diagnosis, or a laboratory diagnosis of pseudorabies is made. The quarantine will be served on the owner.

Statutory Authority: *MS s 35.03*

1705.2110 DISEASES OF DOMESTIC ANIMALS

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1705.2110 MOVEMENT OF QUARANTINED SWINE.

Quarantined swine may be moved to slaughter accompanied by a shipping permit issued by an accredited veterinarian or the board, or by a notice of shipment, or with permission of the board to other premises presently under quarantine for pseudorabies. When it can be established that the quarantined herd produces pigs for sale as feeders, and there are no clinical signs of pseudorabies in the herd, the identified swine for feeding may be sold for movement for finishing under quarantine on premises where there are no breeding swine. These quarantined swine can be sold only for slaughter.

Statutory Authority: *MS s 35.03*

1705.2120 RELEASE OF QUARANTINE.

Quarantines on swine herds will be released when all quarantined swine have been sold for slaughter or when reactor swine have been removed from the premises for slaughter with a shipping permit or notice of shipment, the premises have been cleaned and disinfected, and all swine six months of age and over have passed a negative official pseudorabies test at least 30 days after the reactors were shipped. Following a depopulation, no swine should be allowed on the premises for 30 days.

Statutory Authority: *MS s 35.03*

1705.2130 QUARANTINE OF OTHER LIVESTOCK.

Livestock, other than swine, determined to have pseudorabies, and livestock, other than swine, exposed to pseudorabies-infected animals will be quarantined. The quarantine will be released 21 days after the diagnosis or exposure if there are no signs of pseudorabies in the quarantined livestock.

Statutory Authority: *MS s 35.03*

1705.2140 ESTABLISHMENT AND MAINTENANCE OF QUALIFIED PSEUDORABIES NEGATIVE HERDS.

An agreement to comply with these rules shall be signed and filed with the board.

Statutory Authority: *MS s 35.03*

1705.2150 QUALIFICATION AS PSEUDORABIES-NEGATIVE HERD.

A negative official pseudorabies test of all swine in the herd six months of age and over will qualify the herd as a qualified pseudorabies negative herd provided the herd has been free of pseudorabies for the previous 12 months and at least 90 percent of the swine tested have been in the herd at least 90 days.

Statutory Authority: *MS s 35.03*

1705.2160 QUALIFIED PSEUDORABIES NEGATIVE HERD CERTIFICATE.

A numbered qualified pseudorabies negative herd certificate will be issued the herd owner. The initial certificate will be valid for 90 days.

Statutory Authority: *MS s 35.03*

1705.2170 MAINTENANCE OF PSEUDORABIES NEGATIVE HERD STATUS.

Pseudorabies negative herd status will be maintained when a negative official pseudorabies test of not less than 25 percent of the swine in the herd six months of age and over is conducted within ten days of 90, 180, and 270 days from and on the anniversary date of initial qualification provided:

A. no swine over six months of age are to be tested twice in one calendar year unless there are ten or fewer swine six months of age or over in the herd at any quarterly requalification test, in which case all swine six months of age and over are to be tested;

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B. all swine in the herd, six months of age and over, are to be tested at least once in each calendar year;

C. if swine of the herd are maintained on several premises or as several groups, 25 percent in each should be tested for each requalification; if there are ten or fewer swine, six months of age or over, in the herd at any quarterly requalification test, all swine six months of age and over are to be tested. The certificate will then be valid for another 90 days and for the last quarter of the test year to the anniversary date.

Statutory Authority: *MS s 35.03*

1705.2180 ADDITIONS TO QUALIFIED PSEUDORABIES NEGATIVE HERDS.

Additions to qualified pseudorabies negative herds shall be either from a qualified pseudorabies negative herd or from a herd not known to be pseudorabies infected and with a negative official pseudorabies test within 30 days of entry on all swine added regardless of age, swine added to be isolated, and retested, and negative 30 to 60 days after entry and before being commingled with the qualified herd.

Statutory Authority: *MS s 35.03*

1705.2190 FEEDER SWINE.

Feeder swine on the premises of the qualified pseudorabies-negative herd must be farrowed on the premises or have a negative official pseudorabies test within 30 days prior to entry to the premises.

Statutory Authority: *MS s 35.03*

1705.2200 CANCELLATION OF QUALIFIED PSEUDORABIES NEGATIVE HERD STATUS.

Qualified pseudorabies-negative herd status will be canceled if any swine in the herd react when tested, or are diagnosed as having pseudorabies, or if additions are made contrary to this rule.

Statutory Authority: *MS s 35.03*

1705.2210 REGAINING QUALIFIED PSEUDORABIES NEGATIVE HERD STATUS.

Qualified pseudorabies negative herds which have lost status because of test reactors or a diagnosis of pseudorabies in the herd will regain their status when reactor swine have been removed for slaughter with a shipping permit and premises have been cleaned and disinfected and the herd has had two negative pseudorabies tests of all swine in the herd six months of age and over, the first at least 30 days after removal of the reactors, and the second at least 30 days after the first test. The infected herd quarantine would be released after the first negative test.

Statutory Authority: *MS s 35.03*

1705.2220 ADDITIONS MADE CONTRARY TO RULE.

Qualified pseudorabies negative herds which have lost status because of additions made contrary to this rule will regain that status when all swine in the herd six months of age and over have had a negative official pseudorabies test.

Statutory Authority: *MS s 35.03*

1705.2230 SWINE REJOINING HERD.

Swine returned to qualified pseudorabies-negative herds from exhibitions or that are otherwise commingled with swine from herds not qualified should be kept in isolation upon return for 30 days and have a negative official pseudorabies test before rejoining the herd.

Statutory Authority: *MS s 35.03*

1705.2240 ESTABLISHING PESUDORABIES-CONTROLLED VACCINATED HERDS.

The board should be notified of the producers' desire to establish a pseudorabies controlled vaccinated herd. All swine six months of age and over must be tested for pseudorabies and found to be negative. The negative swine must be officially vaccinated for pseudorabies within 15 days after the date tested. All swine regardless of age or origin added to the pseudorabies-controlled vaccinated swine herd as breeding swine must be tested for pseudorabies and found to be negative and then officially vaccinated for pseudorabies within 15 days after the date tested.

Statutory Authority: *MS s 35.03*

1705.2250 SWINE ENTERED INTO EXHIBITIONS.

Swine from a qualified-pseudorabies negative herd will be eligible for entry into Minnesota exhibitions without an official pseudorabies test.

Statutory Authority: *MS s 35.03*

ALEUTIAN DISEASE-FREE HERDS OF MINK

1705.2260 OFFICIAL TEST.

"Official test" means counterelectrophoresis (CEP) plate test conducted in a laboratory recognized by the board on samples submitted by an authorized testing agent.

Statutory Authority: *MS s 35.03*

1705.2270 ESTABLISHING ALEUTIAN DISEASE-FREE HERD.

The herd owner shall notify the board of his intent to qualify his herd by having his breeding mink tested at his own expense. A mink herd will qualify when the owner has filed with the board proof that all mink in the breeding herd have been negative on two successive official tests for aleutian disease conducted not less than 45 days or more than 365 days apart.

Statutory Authority: *MS s 35.03*

1705.2280 ALEUTIAN DISEASE-FREE HERD CERTIFICATE.

An aleutian disease-free herd certificate valid for one year from the date of the last qualifying test will be issued to the owner of the qualified herd.

Statutory Authority: *MS s 35.03*

1705.2290 REVOCATION OF CERTIFICATE.

Certificates will be revoked if a laboratory or clinical diagnosis of aleutian disease is made in the herd or if the provisions of this rule are not complied with.

Statutory Authority: *MS s 35.03*

1705.2300 ADDITIONS TO CERTIFIED HERDS OR THOSE BEING QUALIFIED.

Mink from certified aleutian disease-free herds may be added without a test. Mink from other herds must be tested for aleutian disease and negative within 30

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days prior to entry, be isolated from all other mink until retested, and negative not less than 30 days or more than 60 days after entry.

Statutory Authority: *MS s 35.03*

1705.2310 RECERTIFICATION OF CERTIFIED ALEUTIAN DISEASE-FREE HERD.

The board may recertify a certified aleutian disease-free herd for one year from the anniversary date upon receipt of proof of a negative official test of the breeding herd conducted within 30 days of the expiration of the certificate. Herds which have been certified for two years may be recertified upon receipt of a negative official test on 50 percent of the breeding mink in each color phase including all males in each color phase.

Statutory Authority: *MS s 35.03*

1705.2320 SUPERVISION.

Agents of the board may be present and supervise the collection of samples for any aleutian disease test. The board may request collection under its supervision of not to exceed 200 blood samples for testing at a time mutually agreed upon to check the disease status of the herd.

Statutory Authority: *MS s 35.03*