
BREEDERS' UPDATE



THE BREEDERS' AND WOODLANDS
STUD PRESENT
THE BREEDERS' UPDATE.



WOODLANDS STUD
Breeding a better future since 1992

BREEDERS' UPDATE

March 26th, 2021



REVISED BREEDING RULES & REGULATIONS

FINAL CONSULTATION

Brad Reid

HRNZ has asked us to facilitate a fresh consultation on the final draft Breeding Rules and Regulations.

Three consultations were made in 2019, coordinated by NZSBA. Unfortunately, the impact of Covid19 prevented the implementation last year.

This edition of Breeders Update contains the proposed new Part XVI of the Rules and Breeding Regulations relating to the Stud Book and breeding.

These rules and regulations do not regulate stallion book limits or the use of frozen semen after the death or retirement of a stallion.

These two matters remain under review.

Grandfathering provisions for frozen embryos registered with HRNZ as at 1 August are included.

HRNZ is seeking final feedback on the proposed regulations.

This is to be emailed to Liz Bishop lbishop@hrnz.co.nz by CoB Monday 19th April 2021.

The intent is for the board to approve the rules regulations, with an intention that the new rules and regulations will come into force on 1st August 2021.

EXPLANATORY NOTE TO THE RULES & REGS

Legislative Basis

The Racing Industry Act 2020 gives HRNZ the authority to make rules related to “the conduct of racing’ including “matters relating to breeding, care and welfare of horses.” [Section 37(1) & (5)(b)]

The HRNZ board will make the rules in the new Part XVI after consultation with clubs, kindred bodies, TAB NZ and the Racing Integrity Board. The rules define the core breeding policies and procedures.

The Board will also issue the regulations, by virtue of the powers in the rules. [Proposed new Rule 1624.]

The regulations address operational and administrative matters.

This note covers the significant policy/rules and provides guidance on some specific provisions.

One Mare, One Foal, One Season

The rules permit only one fetus from a mare to be brought from its embryonic state to birth in a season.

Only one horse from a mare may be registered from that mare for the season it was born in. [One mare, one foal, one season.]

The rules are clear:

1. A foal born from its natural mother shall be the only foal registered for that season.
2. If a fetus has been harvested from a mare, placed in a surrogate, and that surrogate mare gives birth to a foal, that foal can be registered provided the natural mother has *not given birth to her own foal*.
3. If two or more fetuses were collected from a mare in a season and placed in other mares and those surrogate mares give birth to foals *none of those foals can be registered*. This applies even if the donor mare does not give birth to a foal.

The breeding of multiple foals to select the most desirable is prohibited. There is an exemption for the registration of twins.

Embryo Or Oocyte (Egg) Transfer And Ivf: Permitted

Embryo and oocyte transfer and in vitro fertilization are permitted. [Rule 1612 and 1611(8)]

Clones, Sexing Of Semen, Sexing Of Embryos, Imported Embryos, Frozen Embryos, Frozen Oocytes Or Oocytes From Deceased Mare – All Prohibited

A clone or any progeny of a clone or any horse produced by genetic manipulation cannot be registered. [Rule 1613]
A horse produced after the sexing of semen or an embryo cannot be registered. [Rule 1614]

A horse produced from an embryo imported to New Zealand cannot be registered. [Rule 1615]

A horse produced from a frozen embryo, frozen egg or eggs from a deceased mare cannot be registered. [Rule 1616(1)]

Frozen embryo(s) registered with HRNZ at 1 August 2021 may be used provided the foal is born by 28 February 2024, available for use in next two seasons only. [Rule 1616(2)]

Artificial Breeding

‘Artificial breeding’ is a new generic definition in the rules, it covers all breeding activities other than natural service.

Only veterinarians or approved breeding technicians may carry out artificial breeding. All persons currently approved to undertake artificial insemination are deemed to be breeding technicians for the next season but after that they will have to reapply to HRNZ.

Owner Of A Foal

The owner of a foal produced as a result of artificial breeding is the owner of the donor mare. [Rule 1620]

Two parties may contract out of this provision and record the arrangement with HRNZ. This could happen where the owner of the donor mare sells or gives a person an embryo transfer foal.

Rules Part XVI (not covered above)

Rule 1601: Interpretation

Defines the key terms.

Rules 1602 to 1605: Stud Book and Definition of a Standardbred

Establishes the Stud Book.

Defines how a horse qualifies to be registered as a standardbred. There is no change in this definition from the current rules.

Rules 1606 & 1607: Registration of Stallions

All stallions must be registered in the first season at stud and no later than 1 October in following seasons.

Rules 1609 & 1610: Transportation of Semen

Permission of HRNZ is required to transport fresh, chilled or frozen semen.



Rules 1618 & 1619: Outstanding Certificates

If certificates of service are not completed or fees not paid the chief executive can refuse to register progeny.

Rule 1621: Disqualified person

A disqualified person cannot stand a stallion.

Rule 1622: Records and Inspection

The chief executive has the right to inspect all books and records kept by the owner or stud manager of a stallion or a mare and to inspect the animals.

Rules 1622 & 1623: Refusal, Cancellation and Review of Registration

Failure to comply with the rules may result in a foal not being registered. The board may review the chief executive's decision

Note: Any breach of the rules is a serious racing offence

Regulations

Clause 1: Commencement

The new regulations will apply from 1st August 2021.

Clause 2: Object and Purpose

This clause describes the principles that the regulations seek to achieve including the integrity of the studbook, ethical breeding practices and animal welfare.

Clause 3: Interpretation

This clause introduces a new definition "artificial breeding" that covers all breeding activities other than natural service of mare by a stallion. The activities listed in the definition are wider than just artificial insemination.

Artificial breeding is regulated by these rules and regulations.

Clause 4: Stallion Registration

All stallions must be registered for stud duty in New Zealand and renewed annually. All stallions must be registered for stud duty in New Zealand and renewed annually.

A stallion's registration may be cancelled if it does not comply with New Zealand's equine or biosecurity laws and regulations.

Clauses 5, 6, 7 and 8: Approved Person to Undertake Artificial Breeding

Only a veterinarian or an approved person can undertake artificial breeding. An individual written application to HRNZ is required for all forms of artificial breeding other than artificial insemination, e.g., an embryo transfer.

The application may be approved with or without conditions or declined within three working days. It will be a condition of every approval that only one fetus from

a mare shall be bought from its embryonic state to birth in a season.

Artificial insemination can be carried out by approved persons. All current artificial insemination technician approvals are extended to 31 July 2022 (Clause 26.2).

Artificial insemination can be carried out by approved persons. All current artificial insemination technician approvals are extended to 31 July 2022 (Clause 26.2).

Clause 9: Breeding Technicians

A person, other than a veterinarian, may apply to HRNZ for permission to carry out artificial insemination. Only a veterinarian or an approved person can carry out artificial insemination.

Approvals may be valid for up to five years.

People currently registered as an artificial insemination technician are deemed to be an authorised breeding technician until the 31 July 2022.

Clause 10: Transportation of Semen for NZ resident stallion

Studs are required to apply to HRNZ and said for permission to transport semen within NZ. approval may be given subject to conditions. EVA shedders are not permitted.

Clause 11: transportation of semen for nonresident stallion

Nonresident stallions may serve mares in New Zealand provided they are registered, DNA tested and subject to biosecurity regulations. EVA shedders are not permitted.

Clauses 12 & 15: DNA

These clauses set out the arrangements for DNA testing of stallions, mares and foals.

Clauses 16 & 17: Certificate of Service and Foaling Return

Requirements to complete and file with HRNZ a certificate of service or a foaling return.

Clause 18: Fees

This clause permits the board to set fees. The initial fees are in the schedule to the rules.

Clause 19: Transition

Whole frozen embryos and oocytes currently in storage must be notified to the chief executive before 31 July 2021 if they are to be covered by transitional provisions.

Note: This Explanatory Note is exactly that, an explanation of the proposed rules and regulations which shall be interpreted on their own merit. If there are any questions, they should be addressed to Liz Bishop at HRNZ in accordance with the invitation above.



The Stud Book and Breeding (proposed by the HRNZ Board)

Remits To come into force on 1 August 2021

Amend rule 105 by deleting the definition for STUDMASTER and replacing with a definition for STUD MANAGER that states:

STUD MANAGER means the person having in their care a stallion or mare registered, or required to be registered, under the Rules or the Breeding Regulations for the purpose of breeding standardbred horses.

Amend the rules by deleting Part XVI including rules 1601 to 1617 and replacing it with the following provisions whereby Part XVI states:

PART XVI - THE NEW ZEALAND HARNESS RACING STUD BOOK AND BREEDING

INTERPRETATION

1601 In these rules and any regulations made under these rules, unless the context otherwise requires:

artificial breeding means all non-natural service activities and associated techniques undertaken with the objective of creating a foetus to be taken from its embryonic state to a live foal and includes:

- a. artificial insemination;
- b. embryo transfer;
- c. the harvesting of eggs from a mare for storage and use at a later date;
- d. in vitro fertilization;
- e. any process by which an egg is fertilised outside the body of the mare and:
 - (i) the fertilised egg is then implanted in the same or another mare's uterus; or
 - (ii) the fertilised egg or eggs are stored;
- f. the harvesting and storage of an embryo or embryos;
- g. the collection and storage of semen for use at a later date; and
- h. the placement of an embryo in a mare, whenever harvested.

Artificial insemination means insemination of a mare with fresh, chilled, or frozen semen with the objective that the mare carries the foetus to full term.

Breeding technician means a person holding a Breeding Technician Certificate issued under the Breeding Regulations.

Chief Executive means Chief Executive of HRNZ or other person authorised to act on the Chief Executive's behalf.

Embryo transfer means insemination of a mare with fresh semen, chilled semen, or frozen semen with the objective that the resulting embryo is collected and then placed in a surrogate mare which carries, or it is intended to carry, the foetus to full term.

Mare includes a filly.

Season means the period from 1 August in a year to 31 July in the following year.

Stud book means genealogical record of a horse recorded by HRNZ at the time of registration.

Veterinarian means a veterinary surgeon registered with the Veterinary Council of New Zealand holding a current certificate to practice.

STUD BOOK

- 1602 (1) The Board has the responsibility for the control, compilation, and publication of the New Zealand Harness Racing Stud-Book (the Stud Book).
- (2) The Stud Book may be compiled and maintained in such form as the Board directs.
- 1603 (1) A horse qualifies as a standardbred if:
- (a) it is the progeny of a stallion and a mare both of which are included, or were eligible under the rules existing at the time of foaling or are eligible under these rules to be admitted to the Stud Book.
- (b) being a stallion is one which:
- (i) was sired by a horse eligible to be admitted to the Stud Book and whose first, second, and third dams were each sired by horses for admission, or in the case of any such dam not so sired, was herself the dam of a horse with a time qualification; or
- (ii) is the sire of three horses each of which has a time qualification.
- (c) being a mare is one which:
- (i) was sired by a standardbred horse and whose dam and grand dam were also sired by standardbred horses provided she herself has a time qualification or is the dam of a horse with a time qualification;
- (ii) was sired by a standardbred horse and is the dam of two horses with time qualifications;
- (iii) was sired by a standardbred horse and whose first, second and third dams were each sired by a standardbred horse;
- (iv) was sired by a standardbred horse and whose dam is a mare duly entered in the Stud-Book under the Rules or eligible for entry therein provided she has a time qualification or is the dam of a horse with a time qualification; or
- (v) is the dam of three horses with time qualification.
- (2) The time qualification referred to in this rule shall be for trotters 2.20, and for pacers 2.15, for one mile and the equivalent time over longer distances or the metric equivalent, or such other times as the Board from time to time may determine.
- 1604 (1) A horse is eligible to be admitted to in the Stud-Book only if it:
- (a) is registered under these rules; and
- (b) qualifies as a standardbred under rule 1603; or
- (c) is approved for admission by the Board.
- 1605 An extended pedigree of each standardbred stallion or mare imported into New Zealand shall be entered in the Stud Book after the registration of the stallion or mare under the Rules. The owner of the stallion or mare must, at the time of registration, pay to HRNZ the entry fee set from time to time by the Board.

STALLIONS

- 1606 The Chief Executive shall maintain a Sires Registration List in which shall be recorded the name of any standardbred stallion whose registration is approved for stud duties.

REGISTRATION OF STALLIONS FOR STUD DUTIES

- 1607 (1) A stud manager must apply to the Chief Executive to register a stallion prior to the commencement of stud duties in a stallion's first season at stud and no later than 1 October in each following season.
- (2) The Breeding Regulations made by the Board may make provision for application to register a stallion for stud duties, conditions on granting any application, for cancellation of registration, and any other matter considered appropriate for such applications.

PERSONS WHO MAY UNDERTAKE ARTIFICIAL BREEDING

- 1608 (1) A veterinarian may practice all forms of artificial breeding.
- (2) A breeding technician may practice artificial insemination if granted a Breeding Technician Certificate under the Breeding Regulations.

TRANSPORTATION OF SEMEN FROM A STALLION RESIDENT IN NEW ZEALAND

- 1609 (1) An owner or stud manager may apply to the Chief Executive for a Semen Transport Service Certificate to use fresh, chilled, or frozen semen transported from the premise at which it is collected for use in artificial breeding.
- (2) The Breeding Regulations made by the Board may make provision for a Semen Transport Service Certificate application, conditions on granting any application, for cancellation an approval, and any other matter and any other matter considered appropriate for such applications.

TRANSPORTATION OF SEMEN FROM A STALLION NOT RESIDENT IN NEW ZEALAND

- 1610 (1) An owner or stud manager may apply to the Chief Executive for a Semen Transport Service Certificate to use fresh, chilled, or frozen semen transported from the premise at which it is collected for use in artificial breeding.

TRANSPORTATION OF SEMEN FROM A STALLION NOT RESIDENT IN NEW ZEALAND

- 1610 (1) An owner or stud manager may apply to the Chief Executive for a Semen Transport Service Certificate to use fresh, chilled, or frozen semen transported from the premise at which it is collected for use in artificial breeding.
- (2) The Breeding Regulations made by the Board may make provision for a Semen Transport Service Certificate application, conditions on granting any application, for cancellation an approval, and any other matter and any other matter considered appropriate for such applications.

ELIGIBILITY FOR REGISTRATION AND ADMISSION TO THE STUD BOOK

- 1611 (1) Only one horse bred from a mare in a season may be registered under the Rules and admitted to the Stud Book regardless of the age of the horse at the time of registration.
- (2) Sub-rule (1) does not apply where as a result of natural or non-artificial breeding a mare produces twins in which case both foals may be registered.
- (3) Where more than one horse is born by any method from a mare in a season sub-rules (4) to (7) shall apply.
- (4) When a mare gives birth to its foal in a season, that foal shall be the only foal registered for that season.
- (5) When a mare does not give birth to its own foal in a season, one foal of the same dam born in that season may be registered.
- (6) When a mare does not give birth to its own foal in a season, and two or more foals of the same dam born in that season none of the foals may be registered.

- (7) Where any horse is registered in contravention of this rule the Chief Executive shall cancel the registration of the horse.
- (8) A foal which has been conceived by artificial breeding by means other than embryo transfer, shall be the recognised progeny of the mare and donor stallion and shall be eligible for inclusion in the Stud Book provided that the requirements of these rules and Breeding Regulations relating to artificial breeding are strictly complied with.
- (9) The receipt by the Chief Executive of a completed and signed Foaling Return shall, in the case of a living foal eligible for registration and admission to the Stud Book shall, subject to any rule or regulation to the contrary, be sufficient authority for the registration and admission to the Stud Book of the foal.

EMBRYO OR OOCYTE TRANSFER

- 1612
- (1) A horse foaled by a mare that is not its genetic dam but transferred to her by embryo or oocyte transfer shall be eligible for registration under these rule and admitted to the Stud Book if the Breeding Regulations and the Rules are complied with.
 - (2) A foal begotten by embryo or oocyte transfer shall have recorded on its registration and in all official records the notation "E.T." after its name to indicate that it has been bred using embryo transfer techniques.
 - (3) A foal begotten by in vitro fertilisation shall have recorded on its registration and all official records the notation "IVF" after its name to indicate that it has been bred by injecting semen into an oocyte external to the mare.

CLONES

- 1613 A horse produced by a cloning process, including any progeny of a clone or a gene editing or manipulation process, is not eligible to be registered under the Rules or to be admitted to the Stud Book.

SEXING OF SEMEN AND EMBRYOS

- 1614 A horse produced which involves a process that pre-determines, or attempts to pre- determine, the sex of the resulting foal before the foetus is at nine weeks gestation, including the sexing of semen or embryos, is not eligible to be registered under the Rules or to be admitted to the Stud Book.

IMPORTED EMBRYOS

- 1615 A horse produced involving an embryo imported into New Zealand is not eligible to be registered under the Rules or to be admitted to the Stud Book.

FROZEN EMBRYO, FROZEN OOCYTES, AND OOCYTES FROM A DECEASED MARE

- 1616
- (1) A horse produced using:
 - (a) a frozen embryo;
 - (b) frozen oocytes; or
 - (c) oocytes from a deceased mare after its death –shall not be eligible to be registered under the Rules or to be admitted to the Stud Book.
 - (2) Sub-rule (1) does not apply to:
 - (a) any horse previously registered under the rules; or
 - (b) to any frozen embryo registered with HRNZ at 1 August 2021 providing the foal is born by 28 February 2024.

NON-APPROVED ARTIFICIAL BREEDING

- 1617 A horse that results from artificial breeding without approval under the Breeding Regulations is eligible to be registered under the Rules and to be admitted into the Stud Book at the discretion of the Chief Executive unless rules 1611, 1612, 1613, 1614, 1615, or 1616 apply.

OUTSTANDING SERVICE CERTIFICATES

1618 If any person fails to comply with the requirements relating to Service Certificates under the Breeding Regulations the Chief Executive may refuse to register the progeny of the mare under the Rules until those requirements are complied with.

OUTSTANDING SERVICE FEE AND CHARGES

- 1619 (1) An owner of a stallion, who has complied with the requirements relation to certificates of service under the Breeding Regulations in respect of any mare, may notify the Chief Executive in writing if the owner of the mare has not paid the service fee and other charges due in respect of the mare.
- (2) The Chief Executive may refuse to register the progeny of the mare under the Rules until the amount of such service fee and other charges is paid to HRNZ on behalf of the owner of the stallion.
- (3) The Board shall charge a fee of 10% with a minimum fee of \$100 in settlement of any fee or charges which has been notified to the Chief Executive pursuant to this Rule whether settlement has been direct or through HRNZ.
- (4) If an owner of a mare is in default in respect of the payment of the service fee or other charges, the amount unpaid may be declared arrears within the meaning of these rules.

OWNER OF FOAL

- 1620 (1) A horse produced as a result of an artificial breeding shall be the property of the owner of the donor mare at the date of foaling unless sub-rule (2) applies.
- (2) The ownership determination in sub-rule (1) may be contracted out if there is an arrangement in writing and signed by the relevant parties, recorded in a form prescribed by the Chief Executive, and lodged with HRNZ.

DISQUALIFIED PERSON OFFERING A STALLION

1621 A person who is a disqualified person within the meaning of the Rules of Harness Racing, Racing or Greyhound Racing shall not offer any stallion for stud purposes.

BOOKS, RECORDS, AND INSPECTION

- 1622 (1) The Chief Executive shall have the right to inspect all books and records kept by the owner and stud manager of a stallion or mare in relation to the stallion or mare. On receiving a written request from the Chief Executive such owner and stud manager must forward such books and records to the Chief Executive.
- (2) The Chief Executive may require the owner, stud manager, or person having charge, care or control of any horse to produce for inspection any such horse and may inspect such horse.
- (3) The owner, stud manager, or person having charge, care, or control, of any horse shall produce the horse for inspection when required.

REFUSAL OR CANCELLATION OF REGISTRATION AND ADMISION TO THE STUD BOOK

1623 Where any person fails to comply with the provisions of this part of the rules or the Breeding Regulations the Chief Executive may, in addition to any penalty imposed by the Judicial Committee, refuse registration of the foal and its admission to the Stud Book, or cancel such registration or admission.

REVIEW OF DECISION OF THE CHIEF EXECUTIVE

- 1624 (1) A decision by the Chief Executive, or person authorised to act on the Chief Executive's behalf, under this part of the Rules or the Breeding Regulations is declared to be final and not subject to appeal.
- (2) A person dissatisfied with a decision of the Chief Executive, or person authorised to act on the Chief Executive's behalf, may apply to the Board to review the decision.

BREEDING REGULATIONS

- 1625 (1) The Breeding Regulations made by the Board in addition to the matters already provided for, may make provision for:
- (a) Setting of fees by the Board for an application under these rules or the Breeding Regulations.
 - (b) To genetically identify by DNA typing whether in the blood type or other means the DNA typing of stallion, mares, and foals.
 - (c) Certificates of Service and Foaling Returns.
 - (d) When frozen semen may be used after a stallion has died.
 - (e) Requirements which must be complied with in respect to artificial breeding, including the procedures by which such process are to be undertaken.
 - (f) Such other matters as the Board thinks fit with respect to horses' eligibility for registration under these Rules.



BREEDING REGULATIONS

CONTENTS

PART 1 PRELIMINARY PROVISIONS	1
1. NAME AND COMMENCEMENT	1
2. OBJECT AND PURPOSE.....	1
3. INTERPRETATION	1
PART 2 STALLIONS.....	3
4. REGISTRATION OF STALLIONS FOR STUD DUTIES	3
PART 3 APPROVAL FOR ARTIFICIAL BREEDING.....	5
5. APPROVED PERSONS WHO MAY UNDERTAKE ARTIFICIAL BREEDING	5
6. APPLICATION FOR APROVAL TO UNDERTAKE ARTIFICIAL BREEDING	5
7. APPROVAL OF APPLICATIONS	5
8. STANDARD CONDITIONS OF APPROVAL	6
PART 4 BREEDING TECHNICIANS	6
9. APPLICATION FOR CERTIFICATE FOR BREEDING TECHNICIAN	6
PART 5 – TRANSPORTATION OF SEMEN	7
10. TRANSPORTATION OF SEMEN FROM A STALLION RESIDENT IN NEW ZEALAND	7
11. TRANSPORTATION OF SEMEN FROM A STALLION NOT RESIDENT IN NEW ZEALAND... 	8
PART 6 – DNA TESTING.....	9
12. DNA TYPING.....	9
13. DNA – NON-RESIDENT STALLIONS.....	9
14. DNA – ARTIFICIAL BREEDING.....	10
15. ANALYSIS OF DNA SAMPLES AND REGISTRATION	10
PART 7 CERTIFICATE OF SERVICE	11
16. CERTIFICATE OF SERVICE.....	11
PART 8 FOALING RETURNS	11
17. FOALING RETURNS	11
PART 9 FEES	11
18. FEES	11
PART 11 TRANSITIONAL PROVISIONS.....	12
19. TRANSITIONAL PROVISIONS	12
FIRST SCHEDULE.....	13

BREEDING REGULATIONS

PART 1 PRELIMINARY PROVISIONS

1. NAME AND COMMENCEMENT

- 1.1 These regulations are the Breeding Regulations made by the Board under the New Zealand Rules of Harness Racing and clause 14.4 of the Constitution of Harness Racing New Zealand Incorporated.
- 1.2 These regulations come into force on 1 August 2021.

2. OBJECT AND PURPOSE

- 2.1 These regulations amend and consolidate the Breeding Regulations, Stallion Registration Regulations, and Stallion Registration – EVA Requirements Regulations.
- 2.2 These regulations are guided by these principles that:
- 2.2.1 Harness racing is a sport that depends upon meeting international mutually agreed arrangements, community expectations on ethical breeding practices and animal welfare.
- 2.2.2 Only one foetus from a mare shall be brought from its embryonic state to birth in each season.
- 2.2.3 Only one horse for every mare in a season may be registered under the Rules.
- 2.2.4 The accurate identification of the parentage of all standardbreds and the maintenance of the Stud Book as an accurate record of the genetics of the standardbred horse in New Zealand are paramount.
- 2.2.5 The administrative arrangements under these regulations shall be designed to minimise compliance costs and shall include the use of online media.

3. INTERPRETATION

- 3.1 In these regulations, unless the context otherwise requires:
- artificial breeding** means all non-natural service activities and associated techniques undertaken with the objective of creating a foetus to be taken from its embryonic state to a live foal and includes:

- a. artificial insemination;
- b. embryo transfer;
- c. the harvesting of eggs from a mare for storage and use at a later date;
- d. in vitro fertilization;
- e. any process by which an egg is fertilised outside the body of the mare and:
 - i. the fertilised egg is then implanted in the same or another mare's uterus; or
 - ii. the fertilised egg or eggs are stored;
- f. the harvesting and storage of an embryo or embryos;
- g. the collection and storage of semen for use at a later date; and
- h. the placement of an embryo in a mare, whenever harvested.

artificial insemination means insemination of a mare with fresh, chilled, or frozen semen with the objective that the mare carries the foetus to full term.

breeding technician means a person holding a certificate issued under regulation 17 of these Regulations.

chief executive means chief executive of HRNZ or other person authorised to act on the chief executive's behalf.

embryo transfer means insemination of a mare with fresh semen, chilled semen, or frozen semen with the objective that the resulting embryo is collected and then placed in a surrogate mare which carries, or it is intended to carry, the foetus to full term.

HRNZ means Harness Racing New Zealand Incorporated.

mare includes a filly.

Rules means the New Zealand Rules of Harness Racing.

season means the period from 1 August in a year to 31 July in the following year.

stud-book means genealogical record of a horse recorded by HRNZ at the time of registration.

stud manager means the person having in their care a stallion or mare registered, or required to be registered, under the Rules or these regulations for the purpose of breeding standardbred horses.

veterinarian means a veterinary surgeon registered with the Veterinary Council of New Zealand holding a current certificate to practice.

PART 2 STALLIONS

4. REGISTRATION OF STALLIONS FOR STUD DUTIES

- 4.1 A stud manager must apply to the Chief Executive to register a stallion prior to the commencement of stud duties in a stallion's first season at stud and no later than 1 October in each following season.
- 4.2 The application shall be in a form prescribed by the Chief Executive and it may include an on-line application.
- 4.3 An application to register shall include:
- 4.3.1 full particulars of the stallion;
 - 4.3.2 full particulars of the owner and stud manager;
 - 4.3.3 in the case of a stallion resident in New Zealand the place where the stallion will stand;
 - 4.3.4 in the case of a stallion not resident in New Zealand the place services will be performed and if required require a certificate from the controlling body in the country or state in which the horse is domiciled, which states:
 - 4.3.4.1 name, age, sex, colour and pedigree; and
 - 4.3.4.2 confirmation of registration as a standardbred;
 - 4.3.4.3 confirmation that the horse is eligible for stallion duties in its country or state of domicile.
 - 4.3.5 details of the person responsible for the furnishing of the certificates, returns or information required by these Rules or any Regulation;
 - 4.3.6 such further matters as are required by any Regulation made by the Board pursuant to these Rules.
- 4.4 The Board may set fees for an application under this rule which may be based on the number of mares served by the stallion on the preceding season.

- 4.6 The Chief Executive may grant or refuse an application made under this regulation.
- 4.7 The Chief Executive must refuse an application if the stallion does not qualify as a standardbred under rule 1603.
- 4.8 Where an application is granted it may be subject to any conditions which the Chief Executive may impose.
- 4.9 It shall be a standard condition of an approval that:
- 4.9.1 that the premises at which such stallion is to be kept shall be maintained in a satisfactory condition;
 - 4.9.2 that the premises provide for the care and welfare of the stallion to the satisfaction of the chief executive and that stallion and any broodmare and foal are cared for accordingly;
 - 4.9.3 the premises may be subject to inspection by an official of Harness Racing New Zealand at any reasonable time;
 - 4.9.4 notice of the change of ownership of the stallion and of the transfer of the stallion to the charge, care or control of another person at a different address for stud purposes be given by the owner within seven days thereof to the Chief Executive.
- 4.10 Where an application is granted it may be subject to any conditions which the Chief Executive may impose.
- 4.11 The Chief Executive is not required to provide reasons for a decision to approve or refuse an application, or to impose conditions.
- 4.12 The Chief Executive may cancel the registration of a stallion:
- 4.12.1 If the place at which the stallion stands or at which services are performed are not maintained in a satisfactory condition or at which the satisfactory care and welfare of the stallion, broodmare and foal is not maintained;
 - 4.12.2 in the event of non-compliance with any requirements of the:
 - 4.12.2.1 Import Health Standard: Horses issued under s 24A of the Biosecurity Act 1993; or
 - 4.12.2.2 Import Health Standard: Semen and Embryos from Horses (Equidae) issued under s 24A of the Biosecurity Act 1993.

- 4.12.2.3 Any Import Health Standard that replaces the Standard referred to in 4.12.2.1 or 4.12.2.2.

PART 3 APPROVAL FOR ARTIFICIAL BREEDING

5. APPROVED PERSONS WHO MAY UNDERTAKE ARTIFICIAL BREEDING

- 5.1 A veterinarian may practice all forms of artificial breeding.
- 5.2 A breeding technician may only practice artificial insemination if granted a certificate under regulation 9.

6. APPLICATION FOR APPROVAL TO UNDERTAKE ARTIFICIAL BREEDING

- 6.1 An owner or lessee of a mare, or a veterinarian on behalf of such owner or lessee, must apply to the Chief Executive for approval to undertake any form of artificial breeding except where the artificial breeding is by way of artificial insemination.
- 6.2 An application must be in a form prescribed by the Chief Executive which may include an on-line application.
- 6.3 The Board may set fees for various types of applications under this regulation.

7. APPROVAL OF APPLICATIONS

- 7.1 The Chief Executive may grant or refuse an application made under regulation 6.
- 7.2 Where an application is granted it will be subject to the standard conditions set out in regulation 8 and any special conditions which the Chief Executive may imposed.
- 7.3 A decision on an application should be given, if practicable, within three working days after the application is received.
- 7.4 The Chief Executive is not required to provide reasons for a decision to approve or refuse an application, or to impose special conditions.

8. STANDARD CONDITIONS OF APPROVAL

- 8.1 It shall be a standard condition of every approval for artificial breeding that:
- 8.1.1 Only one foetus from a mare, however and whenever conceived, shall be brought from its embryonic state to birth in a season.
 - 8.1.2 Any collection and freezing of an embryo or oocyte shall be immediately notified to the Chief Executive.
 - 8.1.3 The person who applies for an approved artificial breeding procedure shall notify the Chief Executive before 31 March in the season on any procedure that is not performed or has been unsuccessful.
 - 8.1.4 Any horse produced:
 - 8.1.4.1 by a cloning process referred to in rule 1613;
 - 8.1.4.2 by sexing of semen and embryos referred to in rule 1614;
 - 8.1.4.3 involving imported embryos referred to in rule 1615; or
 - 8.1.4.4 using frozen embryos, frozen oocytes, or oocytes from a deceased mare referred to in 1616,are not eligible for registration under the Rules or to be admitted to the Stud Book.

PART 4 BREEDING TECHNICIANS

9. APPLICATION FOR CERTIFICATE FOR BREEDING TECHNICIAN

- 9.1 A person, not being a veterinarian, may apply to the Chief Executive for a certificate authorising that person to practice artificial insemination.
- 9.2 The application for a certificate shall be in a form prescribed by the Chief Executive and may include an on-line application.
- 9.3 The application must include:
- 9.3.1 a certificate in writing from a veterinarian that the applicant is competent to perform artificial breeding by artificial insemination;

- 9.3.2 a statement of the applicant’s qualifications and experience relevant to the person being a fit and proper person to obtain a certificate; and
- 9.3.3 a description of where the applicant intends to perform artificial breeding artificial insemination.
- 9.4 The Chief Executive may grant or refuse an application made under this regulation.
- 9.5 Where an application is granted it may be subject any condition which the Chief Executive may imposed.
- 9.6 The Chief Executive is not required to provide reasons for a decision to approve or refuse an application, or to impose conditions.
- 9.7 A certificate may be issued for a term of up to five years and may be reissued on the completion of a new application under clause 9.1.
- 9.8 The Board may set a fee for applying for a certificate under this regulation.

PART 5 – TRANSPORTATION OF SEMEN

10. TRANSPORTATION OF SEMEN FROM A STALLION RESIDENT IN NEW ZEALAND

- 10.1 This regulation applies to semen is collected from a stallion resident in New Zealand and transported within New Zealand for use in artificial breeding.
- 10.2 An owner or stud manager may apply to the Chief Executive for a Semen Transport Service Certificate to use fresh, chilled, or frozen semen transported from the premise at which it is collected for use in artificial breeding.
- 10.3 An application must be made for a stallion before the first dose of semen is transported in each year.
- 10.4 The application shall be in a form prescribed by the Chief Executive and it may include an on-line application.
- 10.5 The Chief Executive may grant or refuse an application made under this regulation.

- 10.6 Where an application is granted it may be subject any condition which the Chief Executive may imposed.
- 10.7 The Chief Executive is not required to provide reasons for a decision to approve or refuse an application, or to impose conditions.
- 10.8 The Chief Executive must refuse an application for a stallion:
- 10.8.1 not registered under the Rules; or
 - 10.8.2 which is an Equine Viral Arteritis shedder stallion
- 10.9 The Chief Executive after granting an approval shall forward to the stud manager or owner a Semen Transport Service Certificate.
- 10.10 The Board may set a fee for applying for a certificate under this regulation.

11. TRANSPORTATION OF SEMEN FROM A STALLION NOT RESIDENT IN NEW ZEALAND

- 11.1 This regulation applies when the semen used in artificial breeding is collected from a stallion not resident in New Zealand and transported for use in New Zealand.
- 11.2 The stallion must be registered under the Rules.
- 11.3 Before registration is approved a certified copy of the analysis of the DNA typing of the stallion to be delivered to the Chief Executive by the controlling body in the country or state in which the stallion is domiciled.
- 11.4 A separate application is to be made and approval shall be made and obtained for each stallion before the first dose of semen being transported in each season.
- 11.5 The Chief Executive may cancel the registration of a stallion where there has been non-compliance with any requirements of the Import Health Standard: Semen and Embryos from Horses (Equidae) issued under s 24A of the Biosecurity Act 1993 or any Standard that replaces the Import Health Standard: Semen and Embryos from Horses (Equidae).
- 11.6 No approval shall be granted in respect of the semen of any stallion which is an Equine Viral Arteritis shedder stallion.

- 11.7 HRNZ on the granting of an approval shall forward to the stud manager or owner a Semen Transport Service Certificate.

PART 6 – DNA TESTING

12. DNA TYPING AND HORSE IDENTIFICATION

- 12.1 This regulation applies to the following horses:
- 12.1.1 a stallion registered for stud duties or for which there is an application to register the stallion;
 - 12.1.2 a mare which has produced a live foal; and
 - 12.1.3 a donor mare of a live foal.
- 12.2 The Chief Executive may, and shall when requested by the Board, require a person authorised by them to obtain DNA samples from a horse to:
- 12.2.1 to identify a horse, foal, its sire, or its dam; or
 - 12.2.2 to ensure the accuracy or proper compilation of the Stud Book.
- 12.3 Before a foal is weaned or at least three weeks before registration (whichever is the earlier) the owner or other person having charge, care or control of a mare must present the foal at a time and place as directed by the Chief Executive or any other person appointed by him or her, for the purpose of having the foal identified and for a sample to be taken for DNA analysis under the Horse Registration and Naming Regulations and the owner must pay to HRNZ the DNA typing and identification fee set by the Board.
- 12.4 The Chief Executive may direct any owner or other person having charge, care or control of a mare served by a stallion to present the mare at a time and place as directed by the Chief Executive or any other person appointed by him or her for the purpose of having the mare identified and for a sample to be taken for DNA analysis and the owner of the mare must pay to HRNZ the DNA typing and identification fee set by the Board.

13. DNA – NON-RESIDENT STALLIONS

- 13.1 A person who applies under the Rules to register a stallion that is not resident in New Zealand is required to have a certified copy of the analysis of the DNA typing of

the stallion to be delivered to the Chief Executive by the controlling body in the country or state in which the stallion is domiciled.

13.2 The Chief Executive may at any time, and shall when requested by the Board, require that any person authorised by them obtain a DNA sample for analysis from a stallion that is not resident in New Zealand.

13.3 The person who applied for registration under clause 13.1 must pay the costs incurred in:

13.3.1 obtaining the DNA typing from the controlling body; and

13.3.2 obtaining a DNA sample, analysing the DNA sample, and reporting of results of analysis.

14. DNA – ARTIFICIAL BREEDING

14.1 The Chief Executive may, and shall when required by the Board, require that a person authorised by him or her to obtain a semen sample for DNA analysis when the semen is being:

14.1.1 Collected for artificial breeding.

14.1.2 Held for artificial breeding.

14.1.3 Used for artificial breeding.

15. ANALYSIS OF DNA SAMPLES AND REGISTRATION

15.1 A sample obtained under these regulations for DNA analysis shall be forwarded to a laboratory approved by the Board for DNA typing in accordance with the Chief Executive's directions.

15.2 If a sample is not acceptable to the laboratory for any reason a further sample shall be taken and forwarded to the laboratory for analysis.

15.3 The laboratory shall carry out the DNA typing (or such other analysis as requested), on a basis agreed between the laboratory and HRNZ, and provide its report the Chief Executive.

PART 7 CERTIFICATE OF SERVICE

16. CERTIFICATE OF SERVICE

- 16.1 A Certificate of Service shall be in a form prescribed by the Chief Executive and it may include an on-line form.
- 16.2 An owner of a stallion must, in each season, complete a Certificate of Service for each mare served by the stallion and include the means by which the service was effected.
- 16.3 The owner must send a Certificate of Service for each mare served to the Chief Executive no later than the 28th of February in the season together with any fee set by the Board from time to time.
- 16.4 If a mare is served for after the 28th day of February in a season, the Certificate of Service shall sent to the Chief Executive together with any fee within 10 working days of the service.

PART 8 FOALING RETURNS

17. FOALING RETURNS

- 17.1 A Foaling Return shall be in a form prescribed by the Chief Executive and it may include an on-line form.
- 17.2 An owner, or other person having charge, care or control, of a mare must complete a Foaling Return for each mare serviced by a stallion
- 17.3 The Foaling Return must be sent to the Chief Executive.
- 17.4 The owner, or other person having charge, care or control, must send to the Chief Executive the Foaling Return, together with any fee from time to time set by the Board, no later than the 1st of June in the season the mare foaled or would normally have foaled as a result of such service.
- 17.5 A foaling Return sent to the Chief Executive may not be altered unless agreed to by the Board and on payment of any fee set from time to time by the Board.

PART 9 FEES

18. FEES

- 18.1 The fees payable under rule 1606A and these regulations determined by the Board from time to time are set out in the First Schedule.

- 18.2 The owner of a mare, stallion, horse or foal shall jointly or separately pay the fees or costs prescribed by the Board from time to time being:
- 18.2.1 DNA typing fee for overseas stallion;
 - 18.2.2 DNA typing fee for any foal, mare or stallion;
 - 18.2.3 Branding or microchipping fee.

PART 11 TRANSITIONAL PROVISIONS

19. TRANSITIONAL PROVISIONS

- 19.1 Frozen embryos or oocytes that have been stored prior to the commencement of these regulations must be notified to the Chief Executive under these Regulations not later than 31 July 2021.
- 19.2 All persons permitted to act as an Artificial Insemination Technician under the former Breeding Regulation may act are deemed to be a Breeding Technician under these Regulation until 31 July 2022.

FIRST SCHEDULE

1.0 The fees set by the Board under the rules and this regulation are as follows:

Application	Fee (including GST)
Registration of a stallion that has not served any mares in the previous season.	
Registration of a stallion that served 1 to 25 mares in the preceding season.	\$65.00
Registration of a stallion that served 26 to 50 mares in the preceding season.	\$105.00
Registration of a stallion that served 51 to more mares in the preceding season.	\$210.00
Application to apply to use imported semen under rule 1606A	\$210.00
Application to undertake artificial breeding under regulation 6	
Application for Semen Transport Certificate under regulation 18	
DNA typing fee for overseas stallion	
DNA typing fee for any foal, mare or stallion	
Branding or microchipping fee	