

In 2018 the OHRC has adopted a revised version of Rules of Racing Chapter 45 dealing with Prohibited Practices and Equine Testing . IT IS IMPORTANT THAT ALL TRAINERS BE INFORMED AND AWARE OF THE NEW RULES. The new rules include significant changes permitted substance levels, prohibited acts, and will clarify the authority of the commission to enforce penalties for violations. The new language can be found on the following websites:  
*www.ohrc.org or www.oqhra.com*

The previous threshold directive has been repealed and is no longer in force, and there are now separate sections listing approved substance levels for the breeds. The Quarter Horse, Paint, and Appaloosa levels from new Section 325:45-1-6.2 are listed below:

### **325:45-1-6.2. Listed Thresholds for Quarter Horses, Paints, and Appaloosas**

(a) The thresholds listed in this section shall be considered listed threshold for permitted substances or, if specified as such, naturally occurring substances in Quarter Horses, Paints, and Appaloosas.

(b) Non-steroidal anti-inflammatories shall be considered prohibited substances except for the chemicals listed below and their corresponding analogs and metabolites in concentrations not exceeding the listed threshold:

- (1) Diclofenac: 5 ng/ml in biological samples consisting of plasma or serum;
- (2) Dipyron: 20 ng/ml in biological samples consisting of plasma or serum;
- (3) Firocoxib: 20 ng/ml in biological samples consisting of plasma or serum;
- (4) Flunixin: 20 ng/ml in biological samples consisting of plasma or serum;
- (5) Ketoprofen: 2 ng/ml in biological samples consisting of plasma or serum;
- (6) Naproxen: 750 ng/ml in biological samples consisting of plasma or serum;
- or (7) Phenylbutazone: 2 ug/ml in biological samples consisting of plasma or serum.

(c) Corticosteroids shall be considered prohibited substances except for the chemicals listed below and their corresponding analogs and metabolites in concentrations not exceeding the listed threshold:

- (1) Betamethasone: 10 pg/ml in biological samples consisting of plasma or serum;
- (2) Dexamethasone: 5 pg/ml in biological samples consisting of plasma or serum;
- (3) Isoflupredone: 100 pg/ml in biological samples consisting of plasma or serum;
- (4) Methylprednisolone: 100 pg/ml in biological samples consisting of plasma or serum;
- (5) Prednisolone: 1 ng/ml in biological samples consisting of plasma or serum; or (6) Triamcinolone Acetonide: 100 pg/ml in biological samples consisting of plasma or serum.

(d) Other substances shall be considered prohibited substances except for the chemicals listed below and their corresponding analogs and metabolites in concentrations not exceeding the listed threshold:

- (1) Acepromazine: 10 ng/ml in biological samples consisting of urine;

- (2) Butorphanol: 300 ng/ml of total Butorphanol in biological samples consisting of urine or 2 ng/ml of free butorphanol in biological samples consisting of plasma or serum;
  - (3) Cetirizine: 6 ng/ml in biological samples consisting of plasma or serum;
  - (4) Cimetidine: 400 ng/ml in biological samples consisting of plasma or serum;
  - (5) Dantrolene: 100 pg/ml of 5- hydroxydantrolene in biological samples consisting of plasma or serum;
  - (6) Detomidine: 1 ng/ml in biological samples consisting of plasma or serum;
  - (7) Dimethyl Sulfoxide (DMSO): 10 ug/ml in biological samples consisting of plasma or serum;
  - (8) Furosemide: 100 ng/ml in biological samples consisting of plasma or serum;
  - (9) Glycopyrrolate: 3 pg/ml in biological samples consisting of plasma or serum;
  - (10) Guaifenesin: 12 ng/ml in biological samples consisting of plasma or serum;
  - (11) Lidocaine: 25 pg/ml of total 30H- lidocaine in biological samples consisting of plasma or serum;
  - (12) Mepivacaine: 10 ng/ml in biological samples consisting of urine or at the level of detection in biological samples consisting of plasma or serum;
  - (13) Methocarbamol: 1 ng/ml in biological samples consisting of plasma or serum;
  - (14) Omeprazole: omeprazole sulfide- 10 ng/ml in biological samples consisting of plasma or serum;
  - (15) Procaine Penicillin: 25 ng/ml in biological samples consisting of plasma or serum;
  - (16) Pyrilamine: 50 ng/ml in biological samples consisting of plasma or serum;
  - (17) Ranitidine: 40 ng/ml in biological samples consisting of plasma or serum; or (18) Xylazine: 200 pg/ml in biological samples consisting of plasma or serum.
- (e) Androgenic-Anabolic Steroids (AAS) shall be considered prohibited substances except for the chemicals listed below and their corresponding analogs and metabolites in concentrations not exceeding the listed threshold:
- (1) The naturally occurring substance, boldenone, shall be permitted in concentrations not exceeding:
    - (A) 25 pg/ml in biological samples consisting of plasma or serum for all horses, regardless of sex;
    - (B) 1 ng/ml in biological samples consisting of urine for fillies, mares, or geldings; or
    - (C) 15 ng/ml in biological samples consisting of urine for male horses other than geldings.
  - (2) The naturally occurring substance, nandrolone, shall be permitted in concentrations not exceeding:
    - (A) 25 pg/ml in biological samples consisting of plasma or serum for fillies, mares, and geldings;
    - (B) 1 ng/ml in biological samples consisting of urine for fillies, mares, or geldings; or
    - (C) 45 ng/ml in biological samples consisting of urine for male horses other than geldings.
  - (3) The naturally occurring substance, testosterone, shall be permitted in concentrations not exceeding:
    - (A) 25 pg/ml in biological samples consisting of plasma or serum for fillies, mares, and geldings;

(B) 55 ng/ml in biological samples consisting of urine for fillies, mares (unless in foal); or

(C) 20 ng/ml in biological samples consisting of urine for geldings.

(D) The concentration of testosterone is not regulated or restricted in fillies or mares that are confirmed pregnant on the day of racing or in male horses other than geldings.

(f) Environmental contaminants shall be considered prohibited substances except for the chemicals listed below and their corresponding analogs and metabolites in concentrations not exceeding listed threshold:

(1) Arsenic: 0.3 ug/ml total arsenic in biological samples consisting of urine;

(2) Atropine: 70 ng/ml in biological samples consisting of urine;

(3) Gamma Aminobutyric Acid (GABA): 110 ng/ml in biological samples consisting of plasma or serum;

(4) Hydrocortisone: 1 ug/ml in biological samples consisting of urine;

(5) Methoxytyramine: 4 ug/ml, in biological samples consisting of urine;

(6) Salicylate, Salicylic Acid: 750 ug/ml in biological samples consisting of urine or 6.5 ug/ml in biological samples consisting of plasma or serum;

(7) Theobromine: 2 ug/ml in biological samples consisting of urine or 0.3 ug/ml in biological samples consisting of plasma or serum;

(8) Cobalt: 50 ng/ml in biological samples consisting of plasma or serum;

(9) Caffeine: 100 ng/ml in biological samples consisting of plasma or serum;

or  
(10) Estradiol: 0.045 ug/ml in biological samples consisting of urine for male horses other than geldings.

(g) The use of non-steroidal anti-inflammatories and corticosteroids are subject to the additional conditions:

(1) The presence of more than two permitted non-steroidal anti-inflammatories in a biological sample consisting of plasma or serum is prohibited; or

(2) The presence of more than two corticosteroids in a biological sample consisting of plasma or serum is prohibited.

[Source: Added at 35 Ok Reg, eff 12-18-17 (emergency);  
Amended at 35 Ok Reg 1535, eff 9-14-18]